

STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

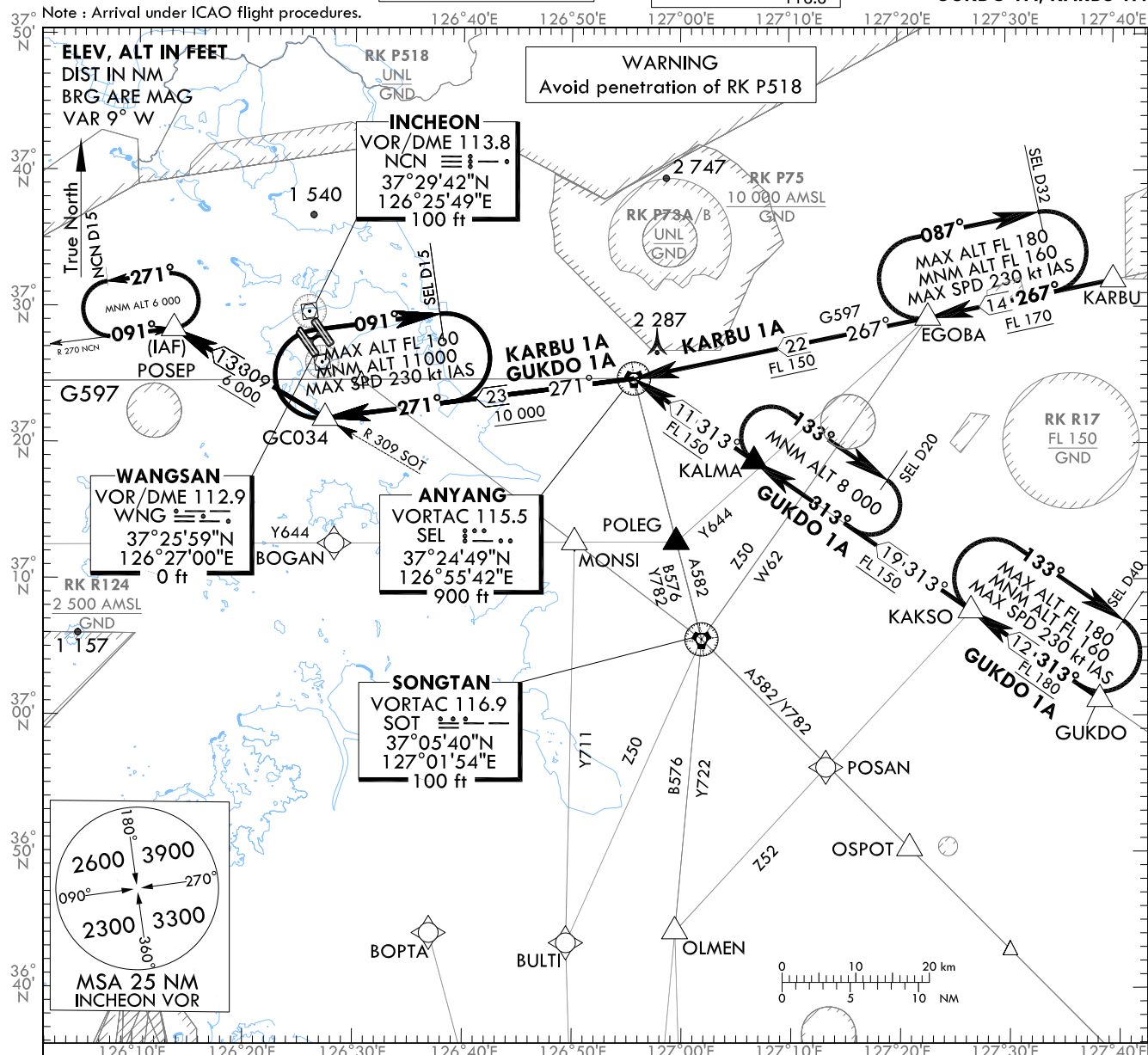
SEOUL APP 119.75  
INCHEON TWR 121.35  
118.2  
118.8

SEOUL/Incheon Intl(RKSI)

RWY 15L

GUUKDO 1A, KARBU 1A

Note : Arrival under ICAO flight procedures.



GENERAL INFORMATION

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                                                                         |
|------------------|---------------|-------------------------------------------------|------------------------------------------------------------------------------------------|
| GUUKDO ONE ALPHA | G585<br>/Y685 | GUUKDO - KAKSO - KALMA -<br>SEL - GC034 - POSEP | At or above FL 180 by KAKSO, FL 150 by SEL,<br>10 000 ft by GC034, and 6 000 ft by POSEP |
| KARBU ONE ALPHA  | G597<br>/Y697 | KARBU - EGOBA - SEL -<br>GC034 - POSEP          | At or above FL 170 by EGOBA, FL 150 by SEL,<br>10 000 ft by GC034, and 6 000 ft by POSEP |

Change : Amended phrase(KALBU → KARBU).

SEOUL/Incheon Intl(RKSI)

RWY 15L

GUUKDO 1A, KARBU 1A

# AERONAUTICAL DATA TABULATION

## GUUKDO 1A

| Fix / Point |               | Coordinates  |               |
|-------------|---------------|--------------|---------------|
| GUUKDO      | 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 |

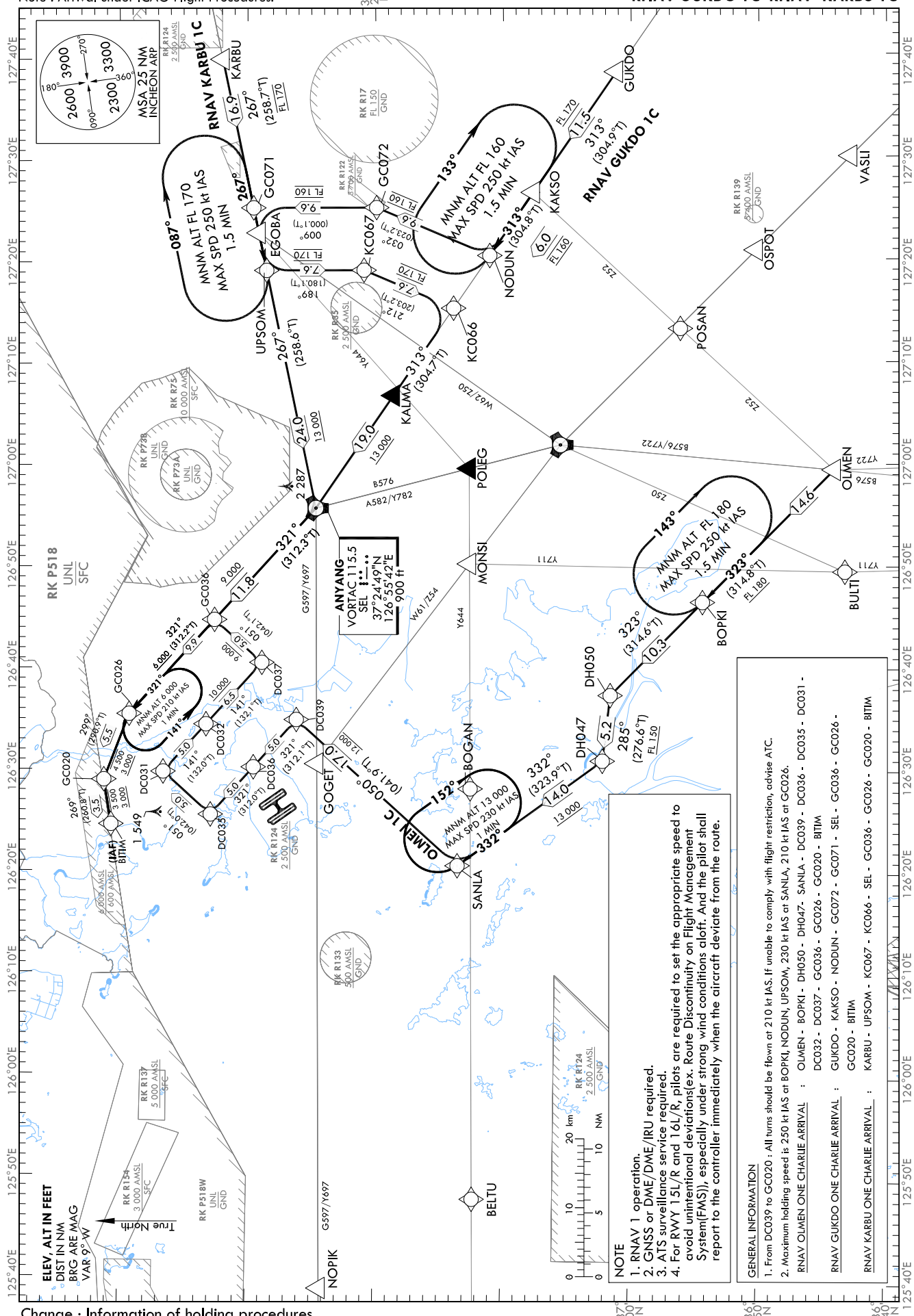
Change : Amended phrase(15L/R → 15L).

|            |     |        |
|------------|-----|--------|
| TRANSITION | ALT | 14 000 |
| TRANSITION | LVL | FL 140 |

|         |     |        |
|---------|-----|--------|
| SEOUL   | APP | 119.75 |
|         |     | 119.1  |
| INCHEON | TWR | 118.2  |
|         |     | 118.8  |

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

Note : Arrival under ICAO Flight Procedures.



Change : Information of holding 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<br>+3 000 | @210       | 37°41'22.0"N 126°28'59.8"E | -       | RNAV 1                   | -       |
| 015           | TF              | BITIM               | -        | 269 (260.8)         | 3.5           | -              | -3 500<br>+3 000 | -          | 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<br>+3 000 | @210       | 37°41'22.0"N 126°28'59.8"E | -       | RNAV 1                   | -       |
| 010           | TF              | BITIM               | -        | 269 (260.8)         | 3.5           | -              | -3 500<br>+3 000 | -          | 37°40'48.0"N 126°24'36.1"E | -       | RNAV 1                   | IAF     |

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<br>+3 000 | @210       | 37°41'22.0"N 126°28'59.8"E | -        | RNAV 1                   | -       |
| 009           | TF              | BITIM               | -        | 269 (260.8)         | 3.5           | -              | -3 500<br>+3 000 | -          | 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<br>RNAV GUKDO 1C<br>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 : Information of ALT restriction at GC020 and BITIM.

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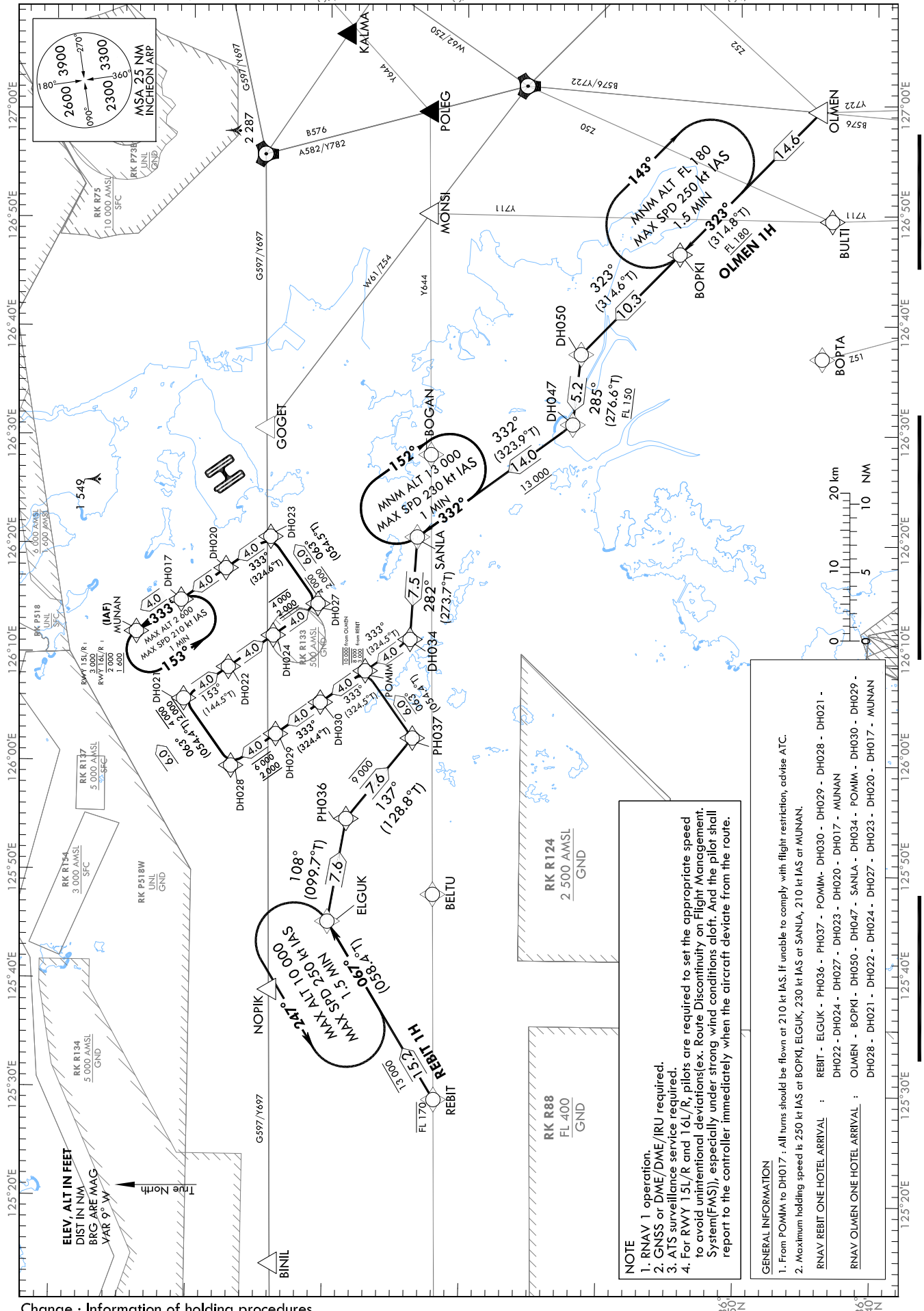
STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO

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 holding procedures.

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<br>°M(°T) | Distance (NM) | Turn direction | Altitude (ft)                                 | Speed (kt) | Coordinates                | VPA/<br>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              | POMUM               | -        | 063 (054.4)            | 6.0           | -              | -8 000<br>+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<br>+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<br>+2 000                              | @210       | 37°30'39.9"N 126°05'44.6"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<br>+2 000                              | @210       | 37°20'53.1"N 126°14'29.5"E | -           | RNAV 1                   | -       |
| 013           | TF              | DH023               | -        | 063 (054.5)            | 6.0           | -              | -4 000<br>+2 000                              | @210       | 37°24'22.0"N 126°20'37.5"E | -           | RNAV 1                   | -       |
| 014           | TF              | DH020               | -        | 333 (324.6)            | 4.0           | -              | +3 000 for RWY 15<br>-2 000 -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           | -              | +3 000 for RWY 15<br>-2 000 -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           | -              | +3 000 for RWY 15<br>-2 000 -1 600 for RWY 16 | -          | 37°34'09.3"N 126°11'53.0"E | -           | RNAV 1                   | IAF     |



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

## AERONAUTICAL DATA TABULATION

## Standard Instrument Arrival Procedure Coding Tables

| RNAV OLMEN 1H |                 |                     |          |                        |               |                |                                               |            |                            |         |                          |         |  |
|---------------|-----------------|---------------------|----------|------------------------|---------------|----------------|-----------------------------------------------|------------|----------------------------|---------|--------------------------|---------|--|
| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track<br>°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              | POMIM               | -        | 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°05'27.2"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<br>+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<br>+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<br>+2 000                              | @210       | 37°20'53.1"N 126°14'29.5"E | -       | RNAV 1                   | -       |  |
| 015           | TF              | DH023               | -        | 063 (054.5)            | 6.0           | -              | -4 000<br>+2 000                              | @210       | 37°24'22.0"N 126°20'37.5"E | -       | RNAV 1                   | -       |  |
| 016           | TF              | DH020               | -        | 333 (324.6)            | 4.0           | -              | +3 000 for RWY 15<br>-2 000 +1 000 for RWY 16 | @210       | 37°27'37.8"N 126°17'42.9"E | -       | RNAV 1                   | -       |  |
| 017           | TF              | DH017               | -        | 333 (324.6)            | 4.0           | -              | +3 000 for RWY 15<br>-2 000 +1 000 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<br>-2 000 +1 000 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<br>°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<br>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 DH023.

**INTENTIONALLY**

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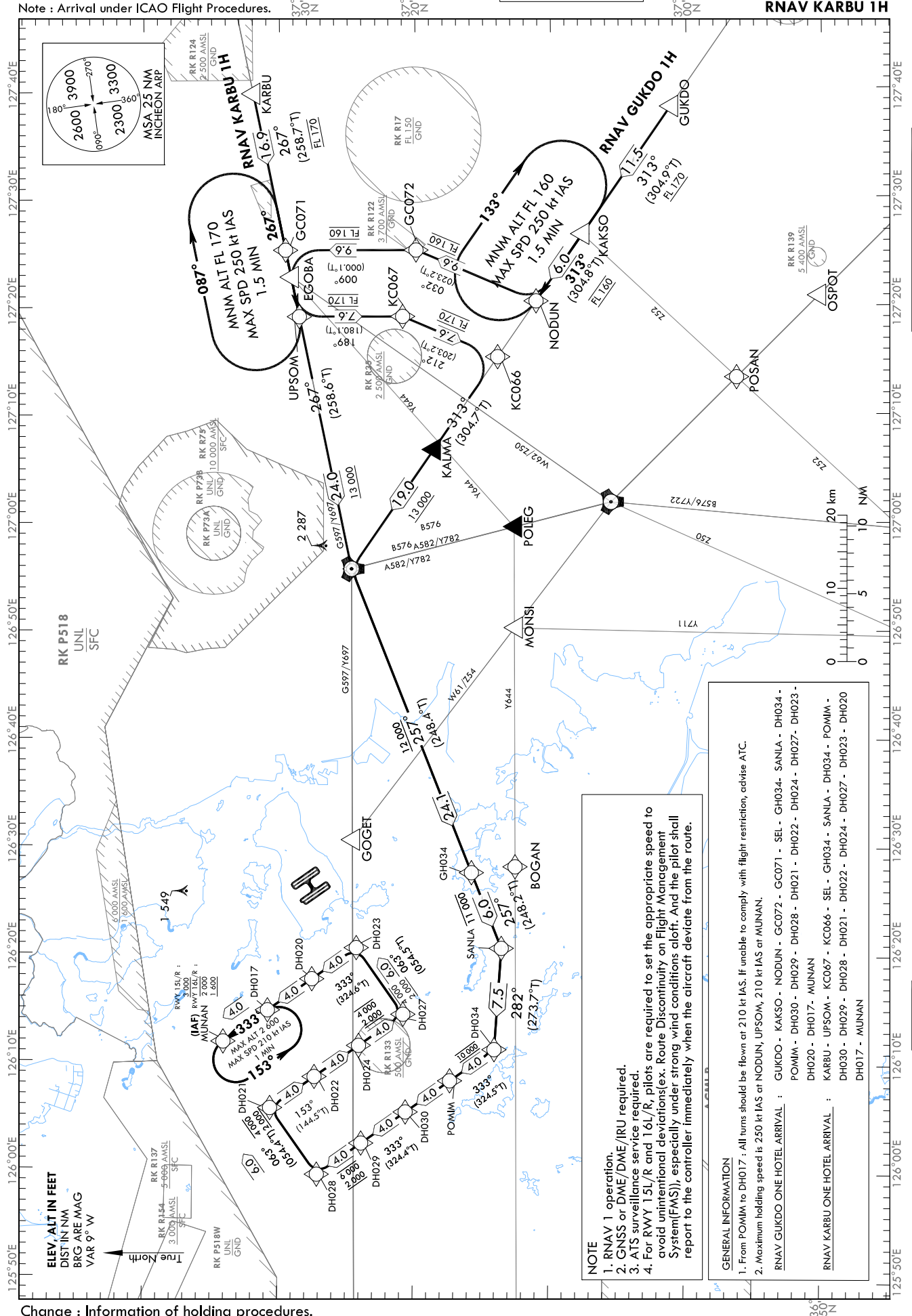
STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO

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 KARBUR 1H

Note : Arrival under ICAO Flight Procedures.



## AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GUKDO 1H

| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track<br>°M(°T) | Distance<br>(NM) | Turn direction | Altitude<br>(ft)                                 | Speed<br>(kt) | Coordinates                | VPA/<br>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<br>+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<br>+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<br>+2 000                                 | @210          | 37°20'53.1"N 126°14'29.5"E | -           | RNAV 1                   | -       |
| 018           | TF              | DH023               | -        | 063 (054.5)            | 6.0              | -              | -4 000<br>+2 000                                 | @210          | 37°24'22.0"N 126°20'37.5"E | -           | RNAV 1                   | -       |
| 019           | TF              | DH020               | -        | 333 (324.6)            | 4.0              | -              | +3 000 for RWY 15<br>-2 000 +1 600<br>for RWY 16 | @210          | 37°27'37.8"N 126°17'42.9"E | -           | RNAV 1                   | -       |
| 020           | TF              | DH017               | -        | 333 (324.6)            | 4.0              | -              | +3 000 for RWY 15<br>-2 000 +1 600<br>for RWY 16 | @210          | 37°30'53.6"N 126°14'48.1"E | -           | RNAV 1                   | -       |
| 021           | TF              | MUNAN               | -        | 333 (324.5)            | 4.0              | -              | +3 000 for RWY 15<br>-2 000 +1 600<br>for RWY 16 | -             | 37°34'09.3"N 126°11'53.0"E | -           | RNAV 1                   | IAF     |

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°05'27.2"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<br>+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<br>+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<br>+2 000                              | @210       | 37°20'53.1"N 126°14'29.5"E | -        | RNAV 1                   | -       |
| 017           | TF              | DH023               | -        | 063 (054.5)        | 6.0           | -              | -4 000<br>+2 000                              | @210       | 37°24'22.0"N 126°20'37.5"E | -        | RNAV 1                   | -       |
| 018           | TF              | DH020               | -        | 333 (324.6)        | 4.0           | -              | +3 000 for RWY 15<br>-2 000 +1 600 for RWY 16 | @210       | 37°27'37.8"N 126°17'42.9"E | -        | RNAV 1                   | -       |
| 019           | TF              | DH017               | -        | 333 (324.6)        | 4.0           | -              | +3 000 for RWY 15<br>-2 000 +1 600 for RWY 16 | @210       | 37°30'53.6"N 126°14'48.1"E | -        | RNAV 1                   | -       |
| 020           | TF              | MUNAN               | -        | 333 (324.5)        | 4.0           | -              | +3 000 for RWY 15<br>-2 000 +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 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<br>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 DH023.

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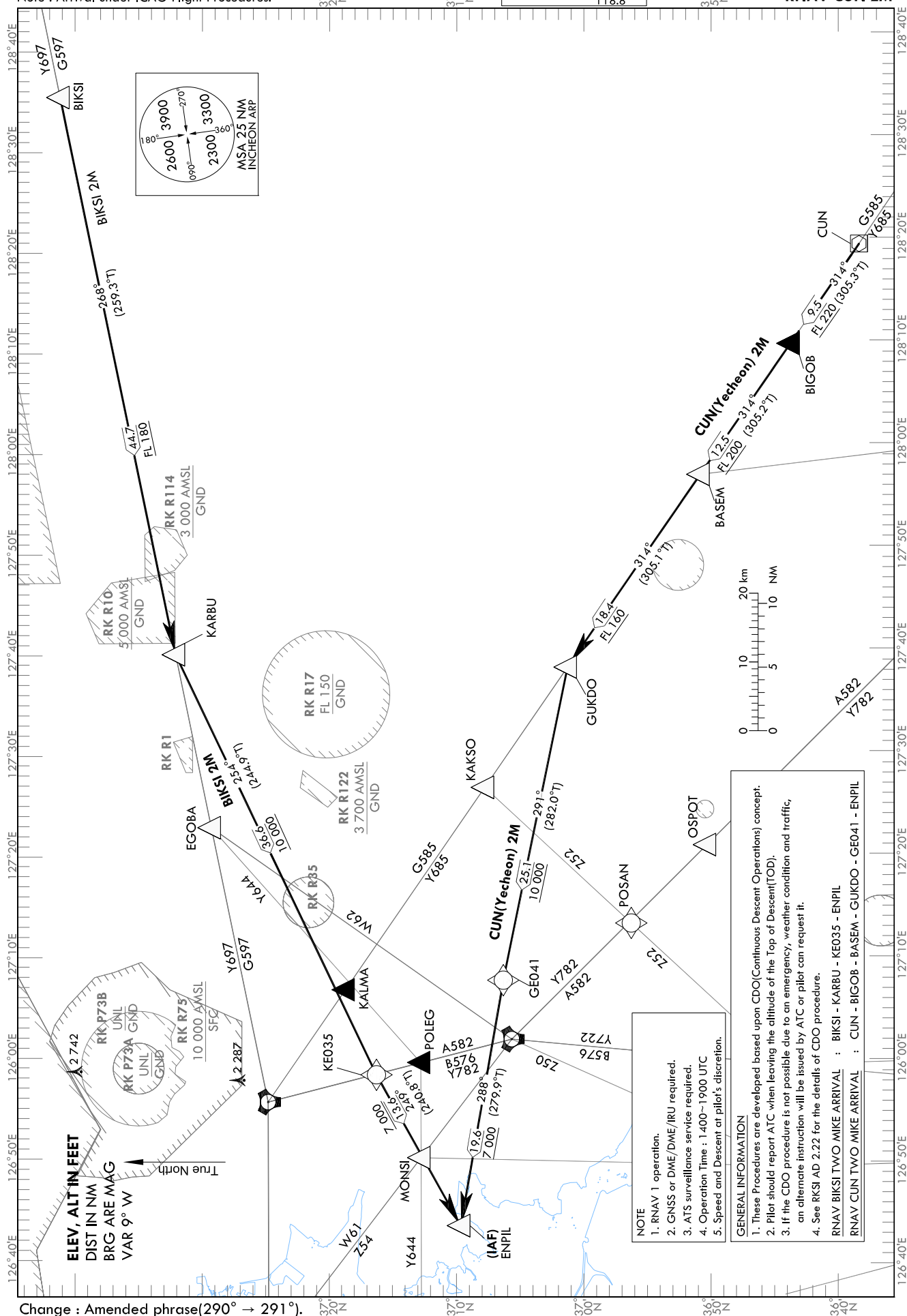
STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000  
TRANSITION LVL FL 140

|         |     |         |
|---------|-----|---------|
| DAEGU   | ACC | 134.175 |
| SEOUL   | APP | 120.575 |
|         |     | 119.75  |
|         |     | 121.35  |
| INCHEON | TWR | 118.2   |
|         |     | 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     |

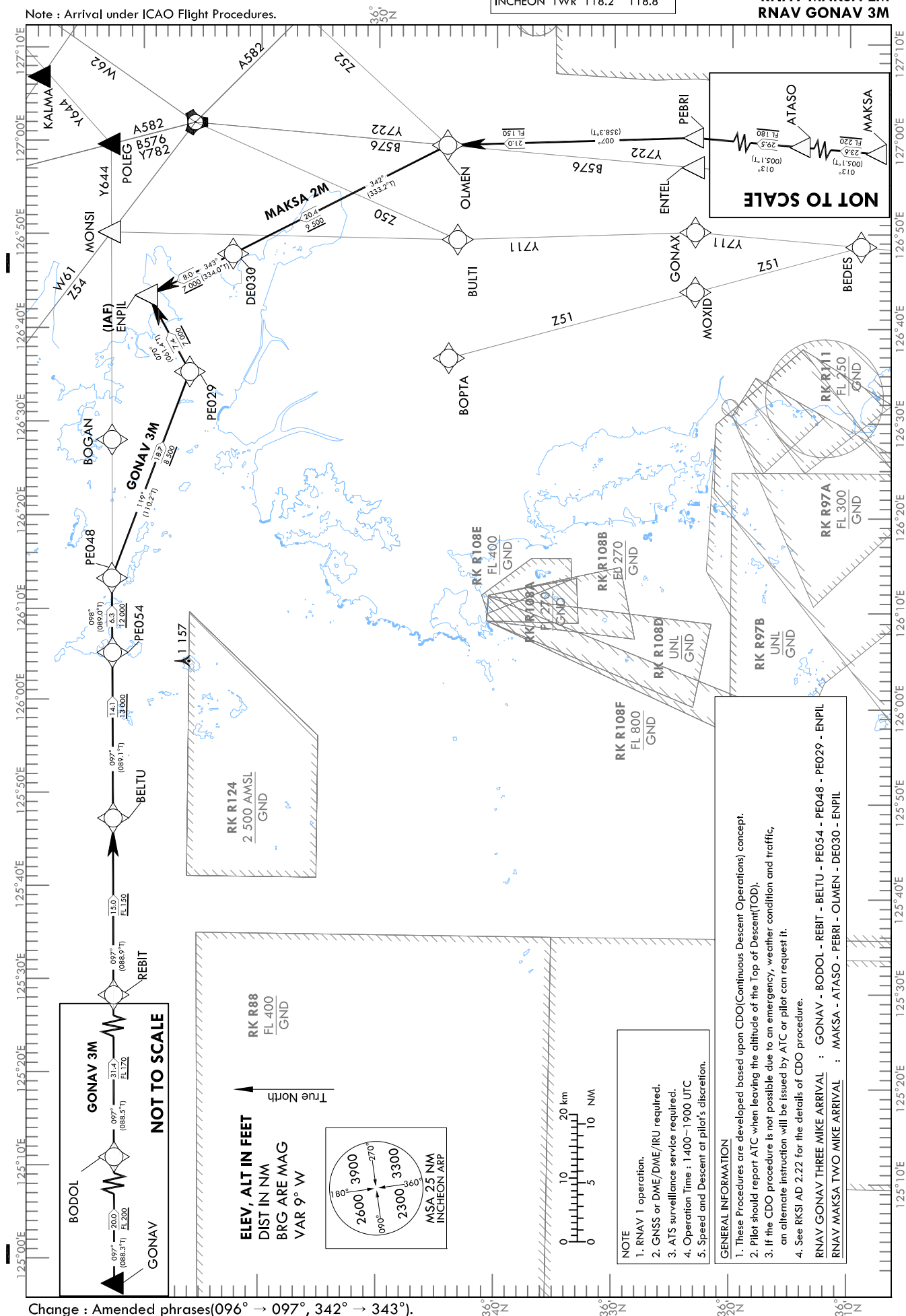


|            |     |        |
|------------|-----|--------|
| TRANSITION | ALT | 14 000 |
| TRANSITION | LVL | FL 140 |

|         |     |        |         |
|---------|-----|--------|---------|
| 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

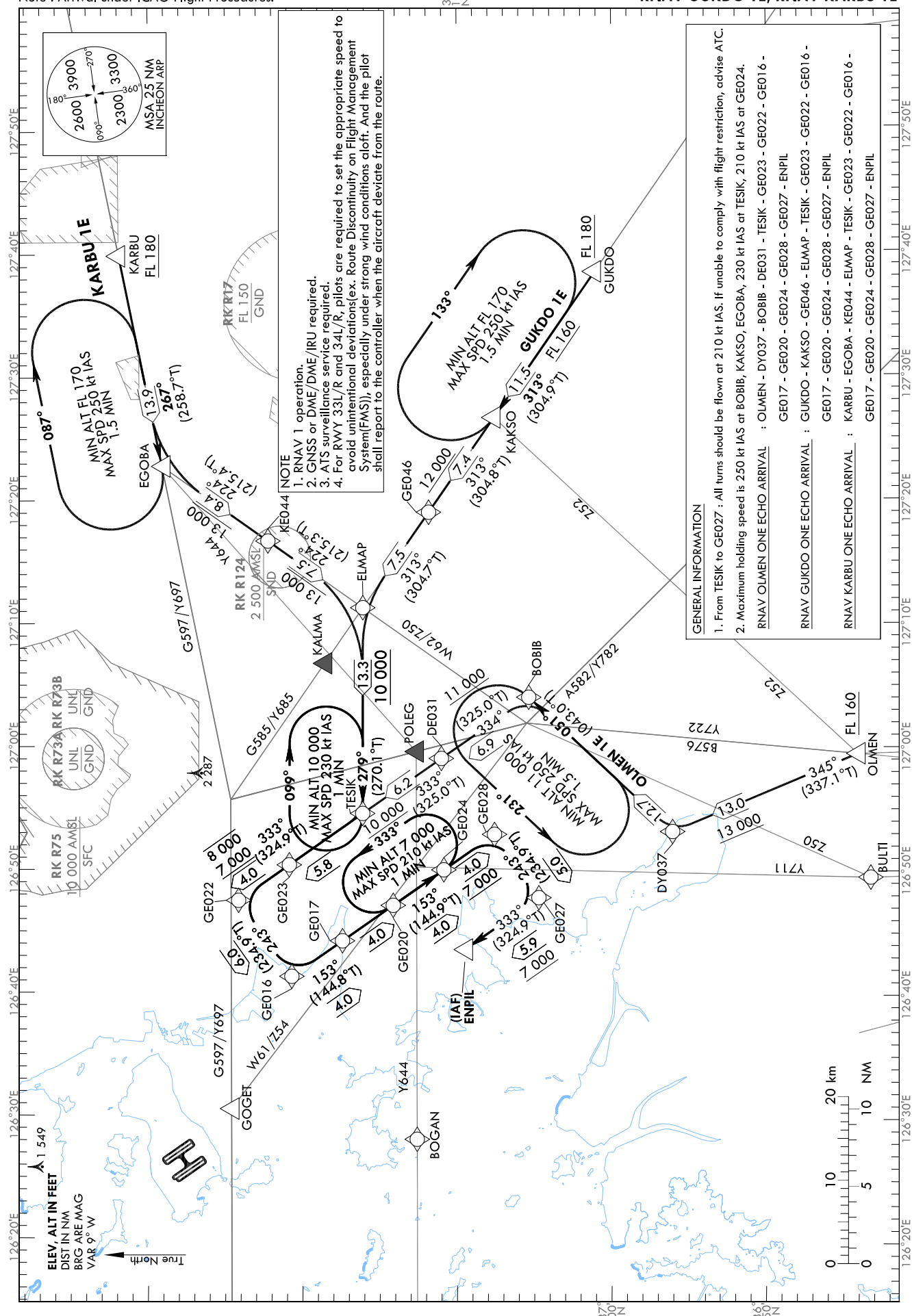
| Serial Number | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track °M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates                | VPA/TCH | Navigation specification | Remarks |
|---------------|-----------------|---------------------|----------|---------------------|---------------|----------------|---------------|------------|----------------------------|---------|--------------------------|---------|
| 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     |

|            |     |        |
|------------|-----|--------|
| 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 OLMEN 1E  
KDO 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<br>+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<br>+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<br>+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                   | -       |

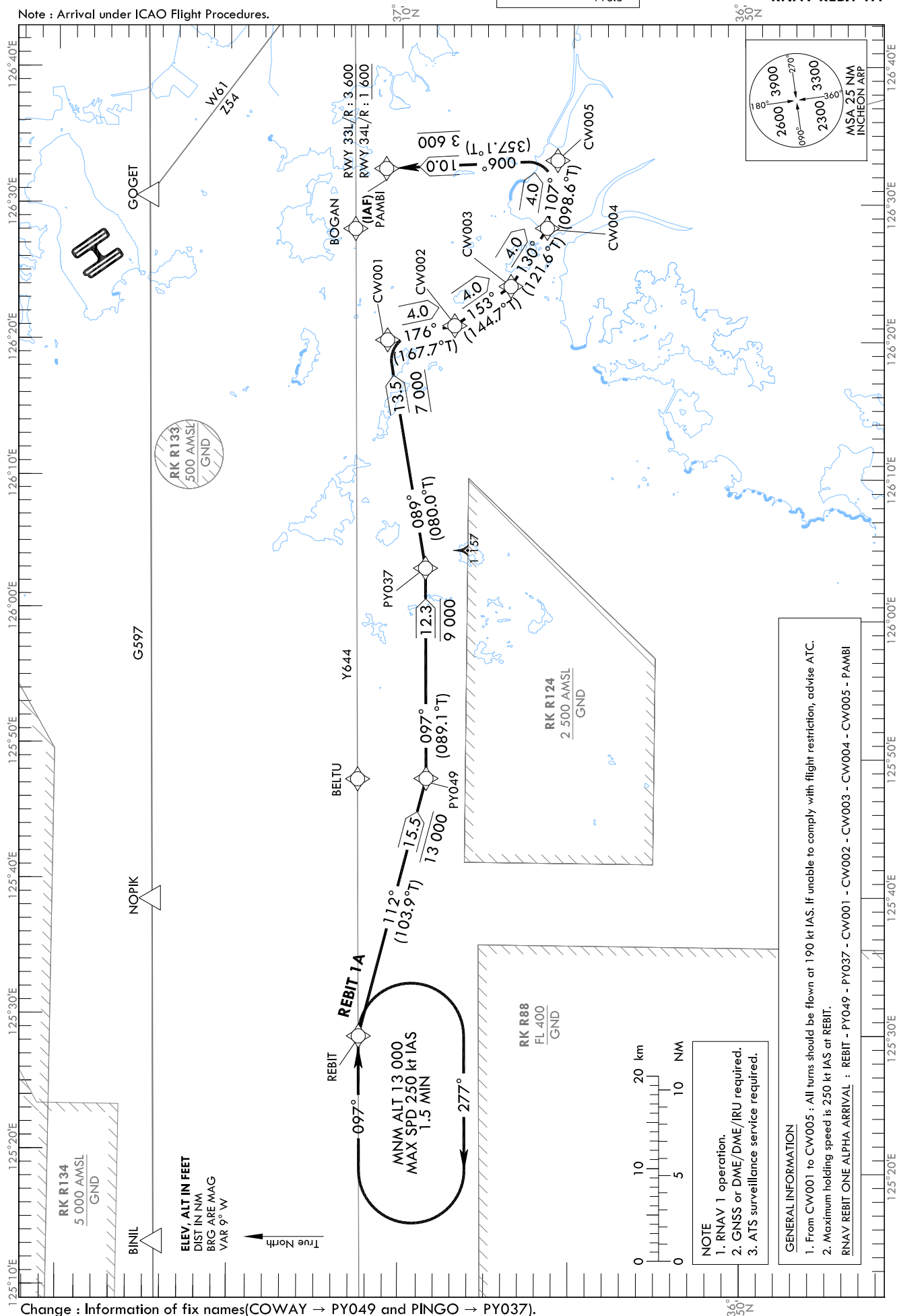
Change : Withdrawal of speed restriction at ENPIL.

|            |     |        |
|------------|-----|--------|
| 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.



Change : Information of fix names(COWAY → PY049 and PINGO → PY037).

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              | PY049               | -        | 112 (103.9)         | 15.5          | -              | -13 000                        | -          | 37°08'17.9"N 125°48'04.6"E | -       | RNAV 1                   | -       |
| 003           | TF              | PY037               | -        | 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          | -              | 331/R: +3 400<br>341/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 : Information of fix names(COWAY → PY049 and PINGO → PY037).