

SEOUL/Gimpo Intl(RKSS) RWY 14L/R RNAV OSPOT 2U, RNAV EGOBA 2U

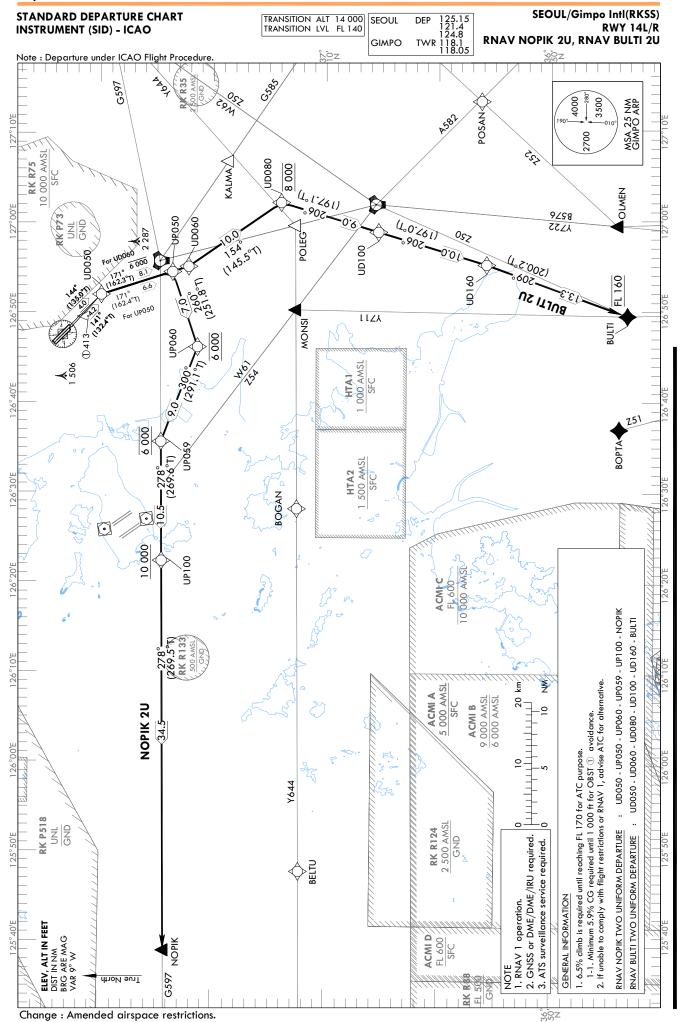
# **AERONAUTICAL DATA TABULATION**

| g Tables         |
|------------------|
| Coding           |
| Procedure        |
| <b>Departure</b> |
| Instrument       |
| Standard         |

| Remarks  | ı  |                            |                            |                            |                            |                            |
|--|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| VPA/ Navigation<br>RDH specification   | RNAV 1   | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     |
| VPA/<br>RDH  |  |                            |                            |                            |                            |                            |
| Coordinates  | 37°30'01.9"N 126°51'58.7"E                       | 37°22'16.6"N 126°55'04.6"E | 37°14'03.3"N 127°02'08.6"E | 37°06'24.1"N 127°08'13.9"E | 36°57'45.7"N 127°15'01.2"E | 36°50'18.1"N 127°20'54.9"E |
| Speed<br>(kt)  |  |                            |                            |                            |                            |                            |
| Altitude<br>(ff)   |  | 000 9-                     | 000 8@                     | +10 000                    | @13 000                    | +FL 145                    |
| Turn<br>direction  | œ  | -                          |                            | -                          |                            |                            |
| Distance<br>(NM)   | 14L-4.0<br>14R-4.2                               | 8.1                        | 145.5) 10.0                | 9.1                        | 147.8) 10.2                | 8.8                        |
| Serial Path Waypoint Fly- Course/Track Distance Descriptor Identifier over $^{\circ}$ (N/O) $^{\circ}$ (N/N) direction (ff) (kt) | 14L-144(135.0) 14L-4.0<br>14R-141(132.4) 14R-4.2 | 171 (162.3) 8.1            | 154 (145.5)                | 156 (147.5)                | 156 (147.8)                | 156 (147.6) 8.8            |
| Fly-<br>over   |  | -                          |                            |                            |                            |                            |
| Waypoint<br>Identifier   | UD050  | 090an                      | 08000                      | 00190                      | 06130                      | OSPOT                      |
| Path<br>Descriptor   | Ъ  | ΤF                         | TF                         | Ŧ                          | 11                         | 11                         |
| Serial<br>Number   | 100  | 002                        | 003                        | 004                        | 900                        | 900                        |

| V EGC           | NAV EGOBA 2U       |                                       |              |                                  |                                    |   |                  |               |                            |             |                                      |         |
|-----------------|--------------------|---------------------------------------|--------------|----------------------------------|------------------------------------|---|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| Serial<br>umber | Path<br>Descriptor | Waypoint Fly- Course, Identifier over | Fly-<br>over | Cour<br>'                        | Distance<br>(NM)                   | se/Track Distance Turn Altitude Speed<br>M(^T) (NM) direction (ff) (tt) | Altitude<br>(ft) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |
| 100             | CF                 | UD050                                 | •            | 14L-144(135.0)<br>14R-141(132.4) | (135.0) 14L-4.0<br>(132.4) 14R-4.2 | æ   |                  |               | 37°30'01.9"N 126°51'58.7"E |             | RNAV 1                               | 1       |
| 002             | TF                 | SEL                                   | '            | 159 (150.3)                      | 50.3) 6.0                          | ı   | -6 000           |               | 37°24'49.0"N 126°55'42.1"E |             | RNAV 1                               | -       |
| 003             | 址                  | EGOBA                                 | ٠            | 087 (078.3) 22.0                 | 22.0                               |   | 000 6-           |               | 37°29'14.7"N 127°22'45.9"E |             | RNAV 1                               | •       |

RNAV OSPOT 2U



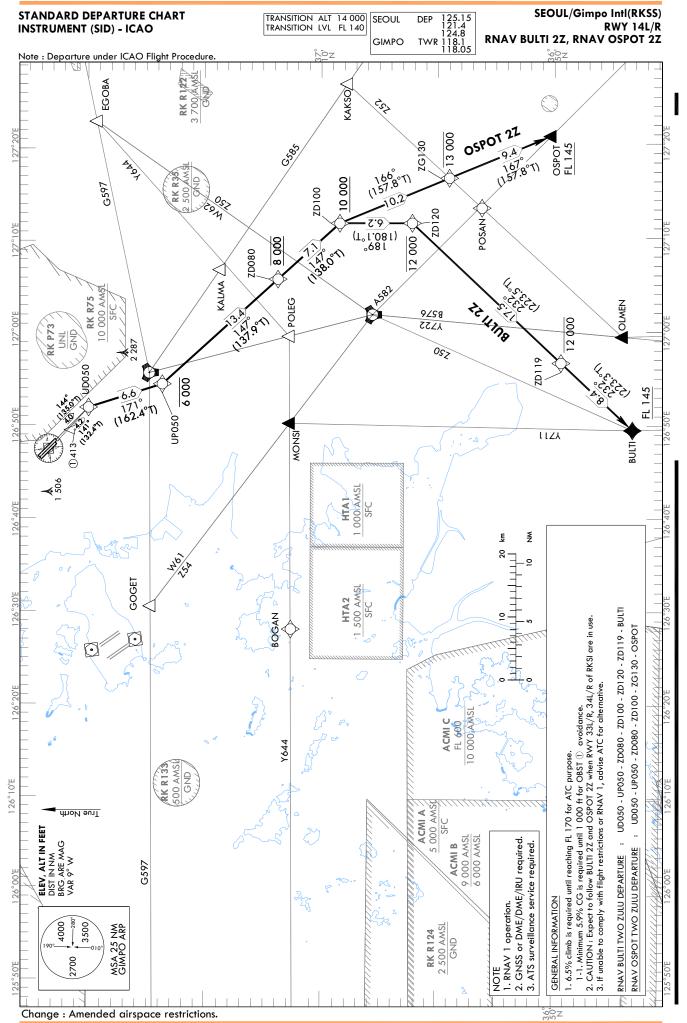
SEOUL/Gimpo Intl(RKSS) RWY 14L/R RNAV NOPIK 2U, RNAV BULTI 2U

# **AERONAUTICAL DATA TABULATION**

# Standard Instrument Departure Procedure Coding Tables

| RNAV NOPIK 2U    | PIK 2U             |                        |              |   |                    |      |                  |               |                            |             |                                      |         |
|------------------|--------------------|------------------------|--------------|---|--------------------|------|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| Serial<br>Number | Path<br>Descriptor | Waypoint<br>Identifier | Fly-<br>over | Serial Path Waypoint Fly- Course/Track Distance Turn Attitude Speed | Distance<br>(NM)   | Turn | Altitude<br>(ft) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |
| 100              | P.                 | UD050                  |              | 14L-144(135.0) 14L-4.0<br>14R-141(132.4) 14R-4.2                    | 14L-4.0<br>14R-4.2 | æ    |                  |               | 37°30'01.9"N 126°51'58.7"E |             | RNAV 1                               | 1       |
| 002              | TF                 | UP050                  | '            | 171 (162.4)   | 9.9                |      |                  | ı             | 37°23'42.2"N 126°54'29.3"E |             | RNAV 1                               | ı       |
| 003              | TF.                | UP060                  | '            | 260 (251.8)   | 7.0                |      | 000 9@           |               | 37°21'30.5"N 126°46'08.9"E |             | RNAV 1                               | ı       |
| 004              | TF                 | UP059                  | '            | 300 (291.1)   | 0.6                |      | 000 9@           |               | 37°24'43.8"N 126°35'37.7"E |             | RNAV 1                               |         |
| 900              | TF                 | UP100                  | '            | 278 (269.6) 10.5  | 10.5               |      | +10 000          | ı             | 37°24'38.7"N 126°22'23.8"E |             | RNAV 1                               | ı       |
| 900              | ΤF                 | NOPIK                  | ٠            | 278 (269.5)   | 34.5               |      |                  | ı             | 37°24'12.0"N 125°39'05.0"E |             | RNAV 1                               | ı       |

| Serial<br>Number | Serial Path Waypoint Fly- Course/1<br>Jumber Descriptor Identifier over °M(°1 | Waypoint<br>Identifier | Fly-<br>over | Course/Track<br>°M(°T)           | Distance<br>(NM)                 | Track Distance Turn Altitude Speed<br>T) (NM) direction (ft) (kt) | Altitude<br>(ft) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |
|------------------|---|------------------------|--------------|----------------------------------|----------------------------------|---|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| 100              | P.  | UD050                  |              | 14L-144(135.0)<br>14R-141(132.4) | 135.0) 14L-4.0<br>132.4) 14R-4.2 | æ   |                  |               | 37°30'01.9"N 126°51'58.7"E | ,           | RNAV 1                               | 1       |
| 002              | ΤF  | 090dn                  |              | 171 (162.3)                      | 8.1                              |   | 000 9-           |               | 37°22'16.6"N 126°55'04.6"E |             | RNAV 1                               |         |
| 003              | ¥   | UD080                  |              | 154 (145.5)                      | 10.0                             |   | 000 8@           |               | 37°14'03.3"N 127°02'08.6"E |             | RNAV 1                               | 1       |
| 004              | ¥   | UD100                  |              | 206 (197.1)                      | 9.0                              |   |                  |               | 37°05'26.4"N 126°58'50.5"E |             | RNAV 1                               |         |
| 900              | π   | UD160                  | ٠            | 206 (197.0)                      | 10.0                             |   |                  |               | 36°55'51.6"N 126°55'11.3"E |             | RNAV 1                               |         |
| 900              | 1   | BULTI                  |              | - 209 (200.2)                    | 13.3                             | ,   | @FL 160          |               | 36°43'22.3"N 126°49'29.7"E |             | RNAV 1                               |         |



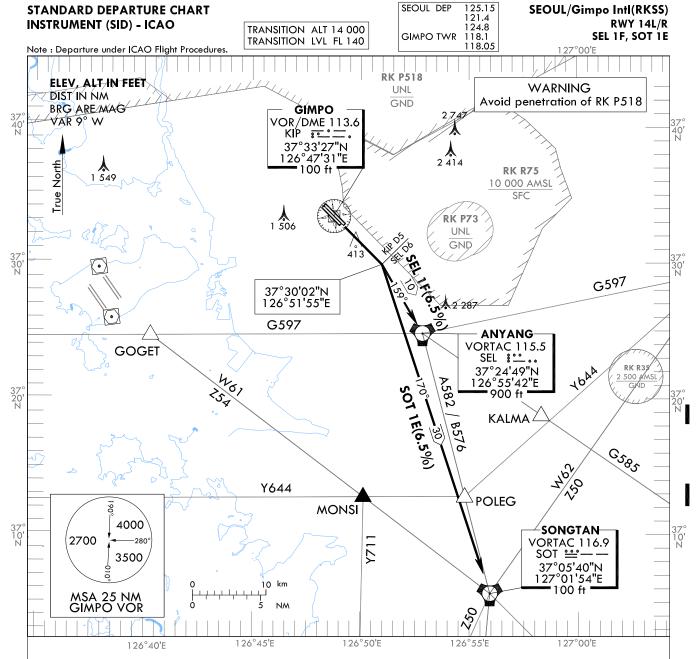
SEOUL/Gimpo Intl(RKSS) RWY 14L/R RNAV BULTI 2Z, RNAV OSPOT 2Z

# **AERONAUTICAL DATA TABULATION**

| Tables             |
|--------------------|
| Coding             |
| rocedure           |
| <b>Separture F</b> |
| Instrument D       |
| Standard           |

| Track Distance  | Track Distance       | Track Distance             | Track Distance           | 7           | F                  | ,              | A late | 70000         |                              | / 40//     | 20:400            |         |
|---|----------------------|----------------------------|--------------------------|-------------|--------------------|----------------|--------|---------------|------------------------------|------------|-------------------|---------|
| Serial ray by point $f$ | T) (NM) direction    | T) (NM) direction          | T) (NM) direction        | direction   | ı urn<br>direction | Alfitu<br>(ff) | e<br>e | speed<br>(kt) | Coordinates                  | RDH<br>RDH | RDH specification | Remarks |
| CF UD050 - 14R-144(135.4) 14L-4.0 R - 14R-13.4)             | -                    | 14L-144(135.0) 14L-4.0 R - | 14L-144(135.0) 14L-4.0 R | 14L-4.0 R - | 22                 | •              |        |               | 37°30'01.9"N 126°51'58.7"E   |            | RNAV 1            |         |
| TF UP050 - 171 (162.4) 6.66 000                             | - 171 (162.4) 6.6 -  | - 9.9                      | - 9.9                    | - 9.9       | - 00               | 00 9-          | 0      |               | 37°23'42.2"N 126°54'29.3"E   |            | RNAV 1            |         |
| TF ZD080 - 147 (137.9) 13.4 - @8 000                        | - 147 (137.9) 13.4 - | 137.9) 13.4 -              | 137.9) 13.4 -            | 13.4        | - @8 0             | 080            | 00     |               | 37°13'46.2"N 127°05'43.1"E   |            | RNAV 1            |         |
| TF ZD100 - 147 (138.0) 7.1 - +10 000                        | - 147 (138.0) 7.1 -  | . 7.1                      | . 7.1                    | 7.1         | - +10 0            | +100           | 00     |               | 37°08'27.2"N 127°11'42.1"E   |            | RNAV 1            | •       |
| TF ZD120 - 189 (180.1) 6.212 000                            | - 189 (180.1) 6.2 -  | 180.1) 6.2 -               | 180.1) 6.2 -             |             | 12 00              | -12 00         | 8      |               | 37°02'1 4.2"N 1 27°11'41.1"E |            | RNAV 1            | •       |
| TF ZD119 - 232 (223.5) 17.512 000                           | - 232 (223.5) 17.5 - | 223.5) 17.5 -              | 223.5) 17.5 -            |             | 120                | -12 0          | 00     |               | 36°49'30.3"N 126°56'40.8"E   |            | RNAV 1            |         |
| TF BULTI - 232 (223.3) 8.4 - +FL 145                        | - 232 (223.3) 8.4 -  | 223.3) 8.4 -               | 223.3) 8.4 -             |             | -<br>+FL1          | +<br>F         | 45     |               | 36°43'22.3"N 126°49'29.7"E   |            | RNAV 1            |         |

| <b>RNAV OSPOT 2Z</b> | POT 2Z                            |                        |              |                                  |                                  |  |                  |               |                            |             |                                      |         |
|----------------------|-----------------------------------|------------------------|--------------|----------------------------------|----------------------------------|--|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| Serial<br>Number     | Serial Path Waypoint Fly- Course/ | Waypoint<br>Identifier | Fly-<br>over | Course/Track<br>°M(°T)           | Distance<br>(NM)                 | Track Distance Turn Altitude Speed To (In) direction (ft) (kt) | Altitude<br>(ft) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |
| 100                  | P.                                | UD050                  |              | 14L-144(135.0)<br>14R-141(132.4) | 135.0) 14L-4.0<br>132.4) 14R-4.2 | æ  |                  |               | 37°30'01.9"N 126°51'58.7"E |             | RNAV 1                               |         |
| 002                  | TF.                               | UP050                  |              | 171 (162.4)                      | 9.9                              |  | 000 9-           |               | 37°23'42.2"N 126°54'29.3"E |             | RNAV 1                               | •       |
| 003                  | Ħ                                 | ZD080                  |              | 147 (137.9) 13.4                 | 13.4                             |  | @8 000           |               | 37°13'46.2"N 127°05'43.1"E |             | RNAV 1                               | •       |
| 004                  | TF                                | ZD100                  |              | 147 (138.0)                      | 7.1                              |  | +10 000          |               | 37°08'27.2"N 127°11'42.1"E |             | RNAV 1                               | •       |
| 900                  | 1L                                | ZG130                  |              | 166 (157.8)                      | 10.2                             |  | -13 000          | ,             | 36°59'01.9"N 127°16'29.6"E |             | RNAV 1                               |         |
| 900                  | TF.                               | OSPOT                  |              | 167 (157.8)                      | 9.4                              | 1  | +FL 145          |               | 36°50'18.1"N 127°20'54.9"E | -           | RNAV 1                               |         |



### GENERAL INFORMATION

- 1. 6.5% CG necessary for Airspace and ATC purpose and 4.4% for avoiding OBST.
- 2. If unable to comply with flight restrictions, advise ATC well before departure.
- 3. Stepped climb: Due to interaction with other routes.

### SEL(ANYANG) ONE FOXTROT DEPARTURE:

TAKE OFF RWY 14 L/R: Direct R 144 KIP/D5(if KIP not available, climb on runway HDG) turn right to intercept R 339 SEL and proceed to SEL Cross SEL at or above 4 000 ft.

Maintain 6 000 ft until instructed by ATC.

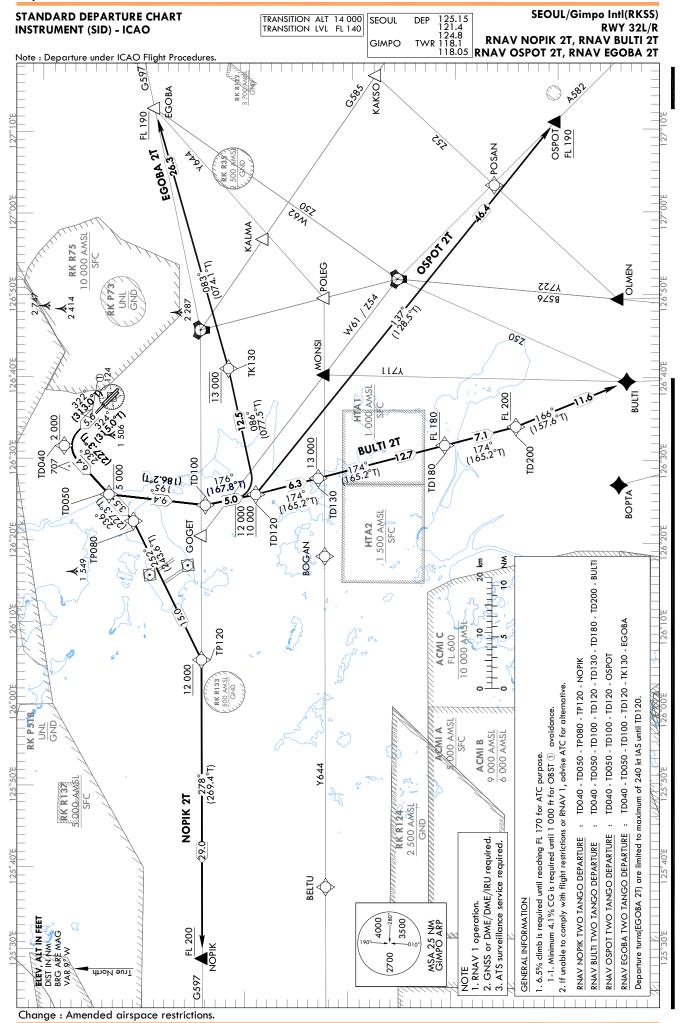
- For airway B576 or A582, cross 4 DME south of SEL at or above 5 000 ft SOT at or above 11 000 ft, 8 DME south of SOT at or above FL 150 unless cleared by ATC.
- For airway G597 cross EGOBA at or above 8 000 ft unless cleared by ATC.

# SOT(SONGTAN) ONE ECHO DEPARTURE:

TAKE OFF RWY 14 L/R: Direct R 144 KIP/D5(if KIP not available, climb on runway HDG) turn right to intercept R 350 SOT and proceed to SOT. Maintain 6 000 ft until instructed by ATC.

LEFT

**BLANK** 



SEOUL/Gimpo Intl(RKSS) RWY 32L/R RNAV NOPIK 2T, RNAV BULTI 2T

# **AERONAUTICAL DATA TABULATION**

Standard Instrument Departure Procedure Coding Tables

| RNAV NOPIK 2T    | PIK 2T             |                        |              |  |                  |                   |                  |               |                            |             |                                      |         |
|------------------|--------------------|------------------------|--------------|--|------------------|-------------------|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| Serial<br>Number | Path<br>Descriptor | Waypoint<br>Identifier | Fly-<br>over | Serial Path Waypoint Fly- Course/Track Distance Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) direction (ft) (kt) | Distance<br>(NM) | Turn<br>direction | Altitude<br>(ft) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |
| 100              | GF                 | TD040                  |              | 32L-324(315.0)<br>32R-322(313.0)   | 5.6              | l l               | +2 000           |               | 37°38'03.0"N 126°41'33.7"E |             | RNAV 1                               | •       |
| 002              | Ŧ                  | TD050                  |              | 236 (227.3)  | 6.4              |                   | -5 000           |               | 37°33'41.1"N 126°35'37.1"E |             | RNAV 1                               |         |
| 003              | TF                 | 0804T                  |              | 236 (227.3)  | 3.5              | -                 |                  |               | 37°31'17.7"N 126°32'22.3"E | ı           | RNAV 1                               | -       |
| 004              | ¥                  | TP120                  |              | 252 (243.6) 15.0   | 15.0             | ı                 | +12 000          |               | 37°24'35.5"N 126°15'29.3"E |             | RNAV 1                               |         |
| 900              | TF                 | NOPIK                  |              | 278 (269.4) 29.0   | 29.0             |                   | +FL 200          |               | 37°24'12.0"N 125°39'05.0"E |             | RNAV 1                               | •       |

|               | Remarks   |                                  | •                          | ı                          |                            | ı                          |                            | ı                          |                            |
|---------------|---|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|               | Navigation<br>specification   | RNAV 1                           | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     |
|               | VPA/<br>RDH   | ,                                |                            |                            |                            |                            |                            |                            |                            |
|               | Coordinates   | 37°38'03.0"N 126°41'33.7"E       | 37°33'41.1"N 126°35'37.1"E | 37°24'18.8"N 126°34'21.2"E | 37°19'24.8"N 126°35'40.7"E | 37°13'20.6"N 126°37'40.9"E | 37°01'03.4"N 126°41'43.1"E | 36°54'08.6"N 126°43'59.3"E | 36°43'22.3"N 126°49'29.7"E |
|               | Speed (kt)  |                                  | ı                          |                            |                            |                            |                            |                            |                            |
|               | Altitude<br>(ft)  | +2 000                           | -5 000                     | ı                          | -12 000<br>+10 000         | +13 000                    | +FL 180                    | +FL 200                    | ,                          |
|               | Turn<br>direction   | 1                                |                            |                            |                            | -                          | -                          |                            |                            |
|               | Distance<br>(NM)  | 5.6                              | 6.4                        | 9.4                        | 5.0                        | 6.3                        | 12.7                       | 7.1                        | 11.6                       |
|               | Serial Path Waypoint Fly- Course/Track Distance Number Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) | 32L-324(315.0)<br>32R-322(313.0) | 236 (227.3)                | 195 (186.2)                | 176 (167.8)                | 174 (165.2)                | 174 (165.2)                | 174 (165.2)                | 166 (157.6)                |
|               | Fly- (  | ,                                |                            |                            |                            |                            |                            |                            |                            |
|               | Waypoint<br>Identifier  | TD040                            | TD050                      | TD100                      | TD120                      | TD130                      | TD180                      | TD200                      | BULTI                      |
| 1 2T          | Path<br>Descriptor  | Ъ                                | TF.                        | ¥                          | Ħ                          | TF                         | TF.                        | #                          | Ħ                          |
| RNAV BULTI 2T | Serial<br>Number  | 100                              | 002                        | 003                        | 004                        | 500                        | 900                        | 200                        | 800                        |

SEOUL/Gimpo Intl(RKSS) RWY 32L/R I RNAV OSPOT 2T, RNAV EGOBA 2T

# **AERONAUTICAL DATA TABULATION**

Standard Instrument Departure Procedure Coding Tables

|               | Remarks  |                                  | •                          | •                          | •                          | •                          |
|---------------|--|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|               | VPA/ Navigation<br>RDH specification   | RNAV 1                           | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     |
|               | VPA/<br>RDH  | •                                | ı                          | ı                          | 1                          | 1                          |
|               | Coordinates  | 37°38'03.0"N 126°41'33.7"E       | 37°33'41.1"N 126°35'37.1"E | 37°24'18.8"N 126°34'21.2"E | 37°19'24.8"N 126°35'40.7"E | 36°50'18.1"N 127°20'54.9"E |
|               | Speed<br>(kt)  |                                  | 1                          | 1                          | 1                          | -                          |
|               | Altitude<br>(ft)   | +2 000                           | -5 000                     | ı                          | -12 000<br>+10 000         | +FL 190                    |
|               | Turn<br>direction  | 7                                | ı                          | ı                          | ı                          |                            |
|               | Distance<br>(NM)   | 5.6                              | 6.4                        | 6.4                        | 5.0                        | 46.4                       |
|               | Serial Path Waypoint Fly- Course/Track Distance Turn Altitude Speed Number Descriptor Identifier over "M("1) (INM) direction (#1) (kt) | 32L-324(315.0)<br>32R-322(313.0) | 236 (227.3)                | 195 (186.2) 9.4            | 176 (167.8) 5.0            | 137 (128.5)                |
|               | Fly-<br>over   | ı                                |                            |                            | ì                          | ı                          |
|               | Waypoint<br>Identifier   | TD040                            | TD050                      | TD100                      | TD120                      | OSPOT                      |
| 01.21         | Path<br>Descriptor   | CF                               | TF                         | TF                         | TF                         | TF                         |
| RNAV OSPOT 21 | Serial<br>Number   | 100                              | 005                        | 003                        | 004                        | 900                        |

| NAV EG           | VAV EGOBA 2T   |                        |              |                                  |                  |                   |  |               |                            |             |                                      |         |  |
|------------------|--|------------------------|--------------|----------------------------------|------------------|-------------------|--|---------------|----------------------------|-------------|--------------------------------------|---------|--|
| Serial<br>Number | Serial Path Waypoint Fly- Course/<br>Jumber Descriptor Identifier over "M( | Waypoint<br>Identifier | Fly-<br>over | Course/Track<br>°M(°T)           | Distance<br>(NM) | Turn<br>direction | Track Distance Turn Altitude Speed (kt) (ht) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |  |
| 100              | CF   | TD040                  |              | 32L-324(315.0)<br>32R-322(313.0) | 5.6              | 7                 | +2 000 -240                                  | -240          | 37°38'03.0"N 126°41'33.7"E | 1           | RNAV 1                               | 1       |  |
| 000              | 11   | TD050                  |              | 236 (227.3)                      | 6.4              | ı                 | -5 000                                       | -240          | 37°33'41.1"N 126°35'37.1"E | ī           | RNAV 1                               | ı       |  |
| 003              | ¥  | TD100                  |              | 195 (186.2)                      | 9.4              | 1                 | ı  | -240          | 37°24'18.8"N 126°34'21.2"E | ı           | RNAV 1                               | •       |  |
| 004              | TF.  | TD120                  |              | 176 (167.8)                      | 5.0              |                   | -12 000<br>+10 000                           | -240          | 37°19'24.8"N 126°35'40.7"E | 1           | RNAV 1                               | •       |  |
| 900              | ¥  | TK130                  |              | 086 (077.5)                      | 12.5             | ı                 | @13 000                                      | 1             | 37°22'05.9"N 126°51'00.0"E | ı           | RNAV 1                               | 1       |  |
| 900              | TF   | EGOBA                  |              | 083 (074.1)                      | 26.3             | •                 | +FL 190                                      |               | 37°29'14.7"N 127°22'45.9"E | ı           | RNAV 1                               | -       |  |
|                  |  |                        |              |                                  |                  |                   |  |               |                            |             |                                      |         |  |

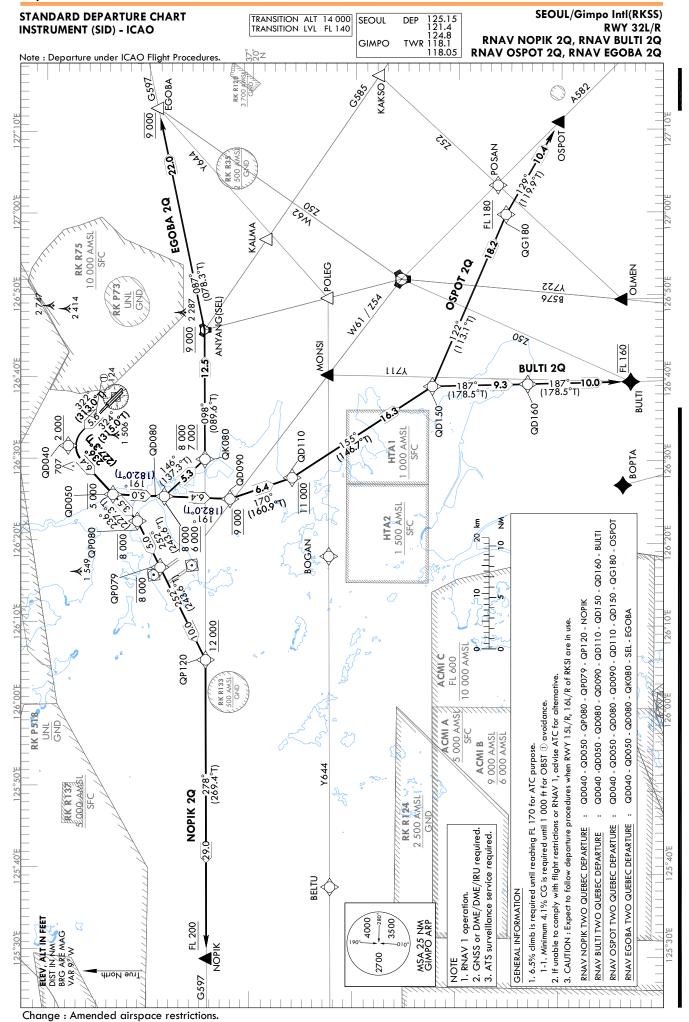
Change : Information of standard instrument departure procedure for RWY 32L/R.

LEFT

**BLANK** 

OFFICE OF CIVIL AVIATION

AIRAC AIP AMDT 9/20 Effective: 1600UTC 7 OCT 2020



SEOUL/Gimpo Intl(RKSS) RWY 32L/R RNAV NOPIK 2Q, RNAV BULTI 2Q

# **AERONAUTICAL DATA TABULATION**

Standard Instrument Departure Procedure Coding Tables

| RNAV NOPIK 2Q    | PIK 2Q             |                        |      |   |                  |                   |                  |               |                            |             |                          |         |  |
|------------------|--------------------|------------------------|------|---|------------------|-------------------|------------------|---------------|----------------------------|-------------|--------------------------|---------|--|
| Serial<br>Number | Path<br>Descriptor | Waypoint<br>Identifier | FIy- | Serial Path Waypoint Fly- Course/Track Distance Turn Altitude Umber Descriptor Identifier over "M("T) (NM) direction (ft) | Distance<br>(NM) | Turn<br>direction | Altitude<br>(ft) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | Navigation specification | Remarks |  |
| 100              | P.                 | CF QD040               |      | 32L-324(315.0)<br>32R-322(313.0)  | 5.6              | ı                 | +2 000           |               | 37°38'03.0"N 126°41'33.7"E |             | RNAV 1                   |         |  |
| 002              | Ħ                  | QD050                  |      | 236 (227.3)   | 6.4              | ı                 | -5 000           | ,             | 37°33'41.1"N 126°35'37.1"E |             | RNAV 1                   |         |  |
| 003              | #                  | QP080                  |      | 236 (227.3)   | 3.5              |                   | -8 000           |               | 37°31'17.7"N 126°32'22.3"E |             | RNAV 1                   |         |  |
| 004              | Ŧ                  | QP079                  |      | 252 (243.6)   | 5.0              |                   | -8 000           |               | 37°29'04.1"N 126°26'44.7"E |             | RNAV 1                   | 1       |  |
| 900              | ±                  | QP120                  |      | 252 (243.6)   | 10.0             |                   | +12 000          |               | 37°24'35.5"N 126°15'29.3"E |             | RNAV 1                   | 1       |  |
| 900              | #                  | NOPIK                  | '    | 278 (269.4)   | 29.0             |                   | +FL 200          |               | 37°24'12.0"N 125°39'05.0"E | ,           | RNAV 1                   |         |  |

|               | Remarks   | 1                                |                            |                            | ,                          |                            |                            |                            |                            |
|---------------|---|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|               | Navigation specification  | RNAV 1                           | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     |
|               | VPA/<br>RDH   |                                  |                            |                            |                            |                            |                            |                            |                            |
|               | Coordinates   | 37°38'03.0"N 126°41'33.7"E       | 37°33'41.1"N 126°35'37.1"E | 37°28'41.3"N 126°35'23.9"E | 37°22'18.4"N 126°35'07.0"E | 37°16'16.3"N 126°37'43.8"E | 37°02'39.6"N 126°48'52.6"E | 36°53'22.9"N 126°49'10.5"E | 36°43'22.3"N 126°49'29.7"E |
|               | Speed<br>(kt)   |                                  |                            |                            |                            |                            |                            |                            |                            |
|               | Altitude<br>(ft)  | +2 000                           | -5 000                     | 000 9+<br>000 9+           | 000 6@                     | @11 000                    | -                          |                            | @FL 160                    |
|               | Turn<br>direction   | 7                                |                            |                            |                            |                            | -                          | -                          |                            |
|               | Track Distance<br>T) (NM)   | 5.6                              | 6.4                        | 5.0                        | 6.4                        | 6.4                        | 16.3                       | 6.3                        | 10.0                       |
|               | Course/Track<br>°M(°T)  | 32L-324(315.0)<br>32R-322(313.0) | 236 (227.3)                | 191(182.0)                 | 191(182.0)                 | 170 (160.9)                | 155 (146.7)                | 187 (178.5)                | 187 (178.5)                |
|               | Fly-<br>over  | 1                                |                            |                            |                            |                            | -                          |                            |                            |
|               | Waypoint<br>Identifier  | QD040                            | QD050                      | QD080                      | QD090                      | QD110                      | QD1 50                     | QD160                      | BULTI                      |
| 11 2Q         | Serial Path Waypoint Fly- Course/<br>Number Descriptor Identifier over °M(° | P.                               | ¥                          | Ħ                          | ±                          | TF.                        | TF                         | TF                         | TF                         |
| RNAV BULTI 2Q | Serial<br>Number  | 100                              | 005                        | 003                        | 004                        | 900                        | 900                        | 200                        | 800                        |

SEOUL/Gimpo Intl(RKSS)
RWY 32L/R
■ RNAV OSPOT 2Q, RNAV EGOBA 2Q

# **AERONAUTICAL DATA TABULATION**

| es   |
|------|
| 0    |
| Ë    |
| Ę.   |
| ÷    |
| ĕ    |
| ~    |
| o Le |
| 꼇    |
| ŭ    |
| ۲    |
| _    |
| Ĭ    |
| ť    |
| ŏ    |
| ē    |
| Δ    |
| ŧ    |
| ē    |
| ξ    |
| Ξ    |
| ŝ    |
| Ξ    |
| 2    |
| 롰    |
| Ĕ    |
| 후    |
| U)   |

| Remarks   | ı                                | •                          | •                          | 1                          |                            | 1                          | •                          | 1                          |
|---|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Navigation<br>specification   | RNAV 1                           | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     | RNAV 1                     |
| VPA/<br>RDH   |                                  |                            | •                          | ı                          | ı                          | -                          | ı                          | ı                          |
| Coordinates   | 37°38'03.0"N 126°41'33.7"E       | 37°33'41.1"N 126°35'37.1"E | 37°28'41.3"N 126°35'23.9"E | 37°22'18.4"N 126°35'07.0"E | 37°16'16.3"N 126°37'43.8"E | 37°02'39.6"N 126°48'52.6"E | 36°55'29.2"N 127°09'43.6"E | 36°50'18.1"N 127°20'54.9"E |
| Speed<br>(kt)   | 1                                | 1                          | 1                          | ,                          | ,                          |                            | ,                          |                            |
| Altitude<br>(ft)  | +2 000                           | -5 000                     | -8 000<br>+6 000           | 000 6@                     | @11 000                    | -                          | +FL 180                    | i                          |
| Turn<br>direction   | 1                                | ı                          | -                          | ı                          | ı                          | -                          | ı                          | -                          |
| /Track Distance<br>°T) (NM)   | 5.6                              | 6.4                        | 5.0                        | 6.4                        | 6.4                        | 16.3                       | 18.2                       | 10.4                       |
| Course/Track<br>°M(°T)  | 32L-324(315.0)<br>32R-322(313.0) | 236 (227.3)                | 191 (182.0)                | 191 (182.0)                | 170 (160.9)                | 155 (146.7)                | 122 (113.1)                | 129 (119.9)                |
| Fly-<br>over  | 1                                |                            | 1                          | ı                          |                            |                            | 1                          |                            |
| Serial Path Waypoint Fly- Course/T<br>Number Descriptor Identifier over °M(°T | QD040                            | QD050                      | QD080                      | 060QD                      | QD110                      | 05 LQD                     | QG180                      | OSPOT                      |
| Path<br>Descriptor  | CF                               | Ŧ                          | TF                         | Ŧ                          | Ŧ                          | TF                         | TF                         | TF                         |
| Serial Path<br>Number Descript  | 100                              | 005                        | 003                        | 004                        | 900                        | 900                        | 200                        | 800                        |

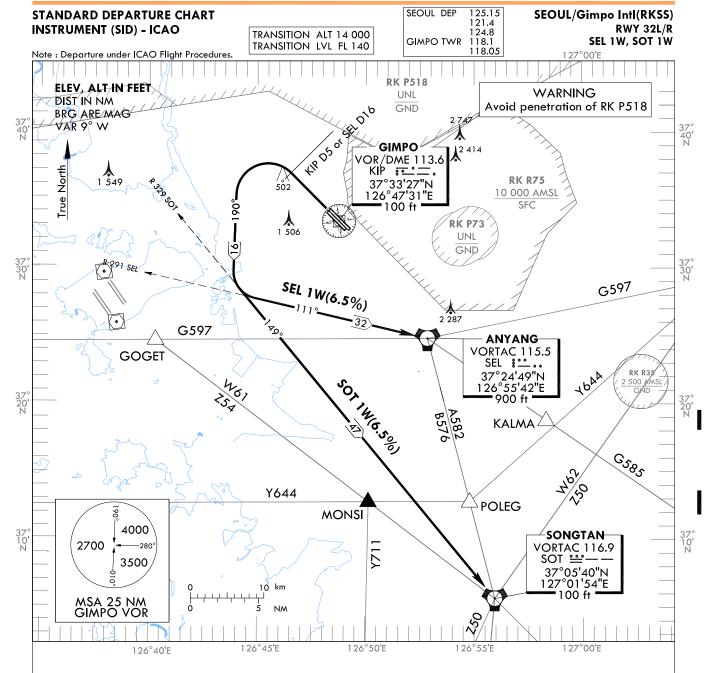
| RNAV EGOBA 2Q    | OBA 2Q             |                        |              |   |                  |                   |                     |               |                            |             |                                      |         |
|------------------|--------------------|------------------------|--------------|---|------------------|-------------------|---------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| Serial<br>Number | Path<br>Descriptor | Waypoint<br>Identifier | Fly-<br>over | Serial Path Waypoint Fly- Course/Track Distance Number Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) | Distance<br>(NM) | Turn<br>direction | Altitude Speed (kt) | Speed<br>(kt) | Coordinates                | VPA/<br>RDH | VPA/ Navigation<br>RDH specification | Remarks |
| 001              | P.                 | QD040                  | ı            | 32L-324(315.0)<br>32R-322(313.0)  | 5.6              | 7                 | +2 000              |               | 37°38'03.0"N 126°41'33.7"E | ,           | RNAV 1                               | 1       |
| 005              | Ħ                  | QD050                  |              | 236 (227.3)   | 6.4              | ı                 | -5 000              | i             | 37°33'41.1"N 126°35'37.1"E |             | RNAV 1                               | •       |
| 003              | TF                 | QD080                  |              | 191 (182.0)   | 5.0              | ı                 | -8 000<br>+6 000    | 1             | 37°28'41.3"N 126°35'23.9"E |             | RNAV 1                               | •       |
| 004              | Ŧ                  | QK080                  |              | 146 (137.3)   | 5.3              | ı                 | -8 000<br>+7 000    | •             | 37°24'45.2"N 126°39'57.2"E |             | RNAV 1                               |         |
| 900              | ŦF                 | SEL                    |              | (9.680) 860   | 12.5             | 1                 | 000 6@              | 1             | 37°24'49.0"N 126°55'42.1"E | -           | RNAV 1                               | •       |
| 900              | TF                 | EGOBA                  | ı            | 087 (078.3)   | 22.0             | ı                 | 000 6@              |               | 37°29'14.7"N 127°22'45.9"E |             | RNAV 1                               | •       |

Change : Information of standard instrument departure procedure for RWY 32L/R.

LEFT

**BLANK** 

AIRAC AIP AMDT 11/21 Effective: 1600UTC 3 NOV 2021



# GENERAL INFORMATION

- 1. 6.5% CG necessary for Airspace and ATC purpose and 4.8% for avoiding OBST.
- 2. If unable to comply with flight restrictions, advise ATC well before departure.
- 3. Stepped climb: Due to interaction with other routes. Do not climb above 4 000 ft unless cleared by ATC.
- 4. First turn limited maximum 250 kt IAS.
- 5. All of turns are based on 25 degrees bank angle due to airspace restricton.

### SEL(ANYANG) ONE WHISKY DEPARTURE:

Climb on R 324 KIP(or RWY HDG) until KIP D5(or SEL D16), then turn left HDG  $190^{\circ}$  to intercept R 291 SEL then proceed to SEL. Maintain 4 000 ft until instructed by ATC.

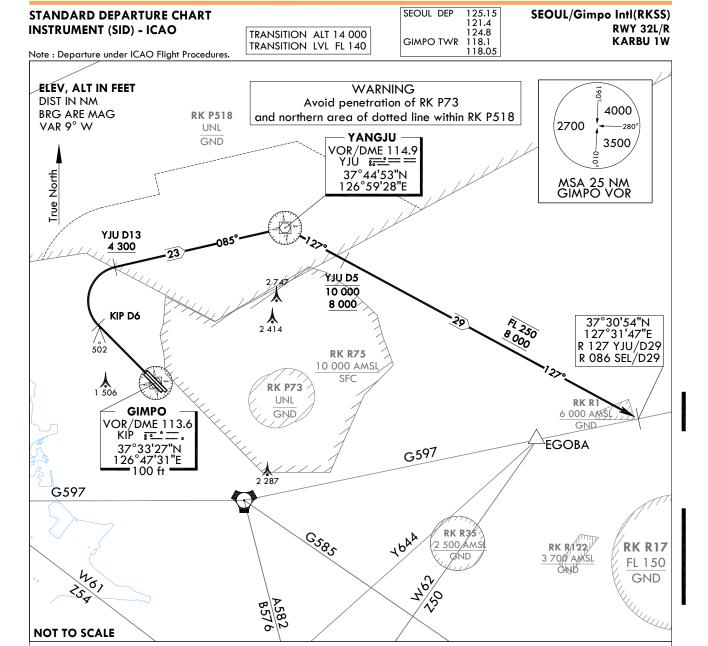
# SOT(SONGTAN) ONE WHISKY DEPARTURE:

Climb on R 324 KIP(or RWY HDG) until KIP D5(or SEL D16), then turn left HDG 190 $^{\circ}$  to intercept R 329 SOT then proceed to SOT. Maintain 4 000 ft until instructed by ATC.

LEFT

**BLANK** 

**AIP AMDT 7/25** 



# NOTE

- 1. Minimum CG 7% to 4 300 ft for noise abatement, then resume normal CG.
- 2. Request of this procedure shall be made at least 10 minutes prior to take-off.
- 3. Operating Hours
  - SAT, SUN and Holiday: 0300-1200 UTC
  - Other days: 0700-1200 UTC

### KARBU ONE WHISKY DEPARTURE:

Climb on R 324 KIP to D6, then turn right to intercept R 265 YJU/D13, then proceed to YJU. At YJU, turn right to track outbound R 127 YJU until joining G597.

Cross R 265 YJU/D13 at or above 4 300 ft, R 127 YJU/D5 between 8 000 ft and 10 000 ft, then at or below FL 250 until joining G597.

**LEFT** 

**BLANK**