

## ENR 3.2 国际航路 INTERNATIONAL AIR ROUTES

## ENR 3.2.1 A 系列航路 Air routes of Series A

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name,Type,Identification                                                                                                                  |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                                                                                                                                              | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                                                                                              |
| A1                                                                                                                                                                                               |                                             |                                             |                                        |                                 |                                                                                                                                     |
| ▲ BUNTA                                                                                                                                                                                          |                                             |                                             | N16° 50.0′ E109° 23.7′                 |                                 |                                                                                                                                     |
|                                                                                                                                                                                                  | 057° /237°<br>63NM                          | 2 000FT                                     | 28                                     | ↓ ↑                             | Sanya ACC                                                                                                                           |
| △ LENKO                                                                                                                                                                                          |                                             |                                             | N17° 25.0′ E110° 18.0′                 |                                 |                                                                                                                                     |
|                                                                                                                                                                                                  | 057° /237°<br>134NM                         | 2 000FT                                     | 80                                     | ↓ ↑                             | Sanya ACC                                                                                                                           |
| ▲ IKELA                                                                                                                                                                                          |                                             |                                             | N18° 39.7′ E112° 14.7′                 |                                 |                                                                                                                                     |
| A1 航路 RVSM、RNP10 及横向偏移程序的相关规定见 ENR3.3.2.1、ENR3.3.2.2、ENR3.3.2.3。<br>Relevant rules about RVSM, RNP10 and strategic lateral offset procedures of route A1 see ENR3.3.2.1, ENR3.3.2.2, ENR3.3.2.3. |                                             |                                             |                                        |                                 |                                                                                                                                     |
| A202                                                                                                                                                                                             |                                             |                                             |                                        |                                 |                                                                                                                                     |
| ▲ SIKOU                                                                                                                                                                                          |                                             |                                             | N20° 50.6′ E111° 30.0′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 252° /072°<br>65                            | 650                                         | 20                                     | ↓ ↑                             | Sanya ACC(Above 7 800m)<br>Zhanjiang ACC(7 800m or below)                                                                           |
| ▲ ISBIG                                                                                                                                                                                          |                                             |                                             | N20° 38.7′ E110° 54.5′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 252° /072°<br>46                            | 797                                         | 20                                     | ↓ ↑                             | Sanya ACC(Above 7 800m)<br>Zhanjiang ACC(7 800m or below)                                                                           |
| ▲ SAMAS                                                                                                                                                                                          |                                             |                                             | N20° 30.3′ E110° 29.7′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 232° /052°<br>36                            | 1 455                                       | 20                                     | ↓ ↑                             | Sanya ACC(Above 7 200m)<br>Haikou APP (7 200m or below)                                                                             |
| ▲ AGPOR                                                                                                                                                                                          |                                             |                                             | N20° 18.2′ E110° 13.8′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 232° /052°<br>139                           | 1 455                                       | 20                                     | ↓ ↑                             | Sanya ACC(Above 7 200m)<br>Haikou APP(7 200m or below)                                                                              |
| ▲ DABUB                                                                                                                                                                                          |                                             |                                             | N19° 31.2′ E109° 11.6′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 232° /052°<br>206                           | 1 455                                       | 20                                     | ↓ ↑                             | DABUB:<br>Sanya ACC(Above 7 200m)<br>Haikou APP(7 200m or below)<br>ASSAD:<br>Sanya ACC(Above 7 200m)<br>Sanya APP(7 200m or below) |
| ▲ ASSAD                                                                                                                                                                                          |                                             |                                             | N18° 20.5′ E107° 40.9′                 |                                 |                                                                                                                                     |
| A326                                                                                                                                                                                             |                                             |                                             |                                        |                                 |                                                                                                                                     |
| ▲ 大王庄 Dawangzhuang VOR/DME(VYK)                                                                                                                                                                  |                                             |                                             | N39° 11.7′ E116° 34.3′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 107° /287°<br>19                            | 867                                         |                                        | ↓ ↑                             | Beijing ACC                                                                                                                         |
| ▲ DOGAR                                                                                                                                                                                          |                                             |                                             | N39° 09.8′ E116° 47.1′                 |                                 |                                                                                                                                     |
| RNAV2                                                                                                                                                                                            | 107° /287°<br>18                            | 1 197                                       |                                        | ↓ ↑                             | Beijing ACC                                                                                                                         |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                        |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|----------------------------------------|
| 导航规范<br>Navigation<br>specification                                               | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks |
| ▲ LADIX                                                                           |                                             |                                             | N39° 07.8'                             | E116° 59.5'                     |                                        |
| RNAV2                                                                             | 107° /287°<br>33                            | 1 197                                       |                                        | ↓ ↑                             | Beijing ACC                            |
| ▲ 天津 Tianjin NDB(CG)                                                              |                                             |                                             | N39° 04.8'                             | E117° 22.5'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>96                            | 1 197                                       | 20                                     | ↓ ↑                             | Beijing ACC                            |
| ▲ KALBA                                                                           |                                             |                                             | N38° 54.2'                             | E118° 28.2'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>52                            | 867                                         | 20                                     | ↓ ↑                             | Beijing ACC                            |
| ▲ PAMDA                                                                           |                                             |                                             | N38° 48.2'                             | E119° 03.7'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>79                            | 867                                         | 20                                     | ↓ ↑                             | Beijing ACC                            |
| ▲ ANRAT                                                                           |                                             |                                             | N38° 39.5'                             | E119° 57.4'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>25                            | 867                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ UNSEK                                                                           |                                             |                                             | N38° 36.8'                             | E120° 14.1'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>28                            | 867                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ ALARA                                                                           |                                             |                                             | N38° 33.7'                             | E120° 33.1'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>53                            | 800                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ MAKNO                                                                           |                                             |                                             | N38° 27.8'                             | E121° 08.9'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>9                             | 800                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ NUNDU                                                                           |                                             |                                             | N38° 26.9'                             | E121° 14.8'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>19                            | 800                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| △ DOBGA                                                                           |                                             |                                             | N38° 24.8'                             | E121° 27.5'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>71                            | 800                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ POVAG                                                                           |                                             |                                             | N38° 16.7'                             | E122° 15.1'                     |                                        |
| RNAV2                                                                             | 108° /288°<br>18                            | 800                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ SANKO                                                                           |                                             |                                             | N38° 15.0'                             | E122° 27.2'                     |                                        |
| RNAV2                                                                             | 142° /322°<br>24                            | 600                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| ▲ OBDIS                                                                           |                                             |                                             | N38° 05.9'                             | E122° 39.0'                     |                                        |
| RNAV2                                                                             | 142° /322°<br>85                            | 600                                         | 20                                     | ↓ ↑                             | Dalian ACC                             |
| △ DONVO                                                                           |                                             |                                             | N37° 34.0'                             | E123° 20.0'                     |                                        |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name,Type,Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                           |
|---------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-------------------------------------------|
| 导航规范<br>Navigation<br>specification                                             | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks    |
| RNAV2                                                                           | 185° /005°<br>82                            | 600                                         | 20                                     | ↓ ↑                             | Dalian ACC                                |
| ▲ IKEKA                                                                         |                                             |                                             | N36° 49.9′ E123° 21.3′                 |                                 |                                           |
| RNP4                                                                            | 185° /005°<br>47                            | 600                                         | 20                                     | ↓ ↑                             | Qingdao ACC                               |
| ▲ OMLIB                                                                         |                                             |                                             | N36° 24.7′ E123° 22.0′                 |                                 |                                           |
| RNP4                                                                            | 185° /005°<br>157                           | 600                                         | 20                                     | ↓ ↑                             | Qingdao ACC                               |
| ▲ DOPNO                                                                         |                                             |                                             | N35° 00.0′ E123° 24.3′                 |                                 |                                           |
| RNP4                                                                            | 185° /005°<br>20                            | 600                                         | 20                                     | ↓ ↑                             | Shanghai ACC                              |
| ▲ IVPIP                                                                         |                                             |                                             | N34° 49.2′ E123° 25.2′                 |                                 |                                           |
| RNP4                                                                            | 185° /005°<br>81                            | 600                                         | 20                                     | ↓ ↑                             | Shanghai ACC                              |
| ▲ IKADI                                                                         |                                             |                                             | N34° 05.5′ E123° 29.0′                 |                                 |                                           |
| RNP4                                                                            | 185° /005°<br>258                           | 600                                         | 20                                     | ↓ ↑                             | Shanghai ACC                              |
| ▲ SURAK                                                                         |                                             |                                             | N31° 46.4′ E123° 29.5′                 |                                 |                                           |
| RNP4                                                                            | 185° /005°<br>30                            | 600                                         | 20                                     | ↓ ↑                             | Shanghai ACC                              |
| ▲ AKARA                                                                         |                                             |                                             | N31° 30.0′ E123° 30.0′                 |                                 |                                           |
| RNP4                                                                            | 173° /353°<br>19                            | 600                                         |                                        | ↓ ↑                             | Shanghai ACC                              |
| ▲ TONIX                                                                         |                                             |                                             | N31° 19.9′ E123° 32.6′                 |                                 |                                           |
| RNP4                                                                            | 173° /353°<br>65                            | 600                                         |                                        | ↓ ↑                             | Shanghai ACC                              |
| ▲ MIGOL                                                                         |                                             |                                             | N30° 45.8′ E123° 41.7′                 |                                 |                                           |
| RNP4                                                                            | 173° /353°<br>134                           | 600                                         |                                        | ↓ ↑                             | Shanghai ACC                              |
| ▲ APITO                                                                         |                                             |                                             | N29° 35.0′ E124° 00.0′                 |                                 |                                           |
| A343                                                                            |                                             |                                             |                                        |                                 |                                           |
| △ POSOT                                                                         |                                             |                                             | N43° 11.0′ E085° 58.4′                 |                                 |                                           |
| RNP4                                                                            | 274° /094°<br>212                           | 5 890                                       |                                        | ↓ ↑                             | Urumqi ACC                                |
| △ 那拉提 Nalati VOR/DME(NLT)                                                       |                                             |                                             | N43° 26.1′ E083° 22.9′                 |                                 |                                           |
| RNP4                                                                            | 268° /088°<br>214                           | 4 313                                       |                                        | ↓ ↑                             | Urumqi ACC<br>RULAD:Urumqi ACC/Almaty FIR |
| ▲ RULAD 中哈国境点                                                                   |                                             |                                             | N43° 30.0′ E080° 44.0′                 |                                 |                                           |
| A345                                                                            |                                             |                                             |                                        |                                 |                                           |

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|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks   |
| ▲ TELOK 中俄国境点                                                                     |                                             |                                             | N49° 38.0'                             | E117° 22.0'                     |                                          |
| RNP4                                                                              | 142° /322°<br>8                             | 1 609                                       | 20                                     | ↓ ↑                             | TELOK:Chita FIR/Hailar ACC<br>Hailar ACC |
| △ MANLI                                                                           |                                             |                                             | N49° 35.0'                             | E117° 27.0'                     |                                          |
| RNP4                                                                              | 136° /316°<br>59                            | 1 609                                       | 20                                     | ↓ ↑                             | Hailar ACC                               |
| ▲ KAGAK                                                                           |                                             |                                             | N49° 16.0'                             | E118° 06.0'                     |                                          |
| RNP4                                                                              | 102° /282°<br>125                           | 1 460                                       | 20                                     | ↓ ↑                             | Hailar ACC                               |
| ▲ 海拉尔 Hailar VOR/DME(HLD)                                                         |                                             |                                             | N49° 12.2'                             | E119° 49.3'                     |                                          |
| RNP4                                                                              | 173° /353°<br>202                           | 2 345                                       | 20                                     | ↓ ↑                             | Hailar ACC                               |
| ▲ ABVAX                                                                           |                                             |                                             | N47° 27.6'                             | E120° 35.4'                     |                                          |
| RNP4                                                                              | 173° /353°<br>133                           | 2 345                                       | 20                                     | ↓ ↑                             | Hailar ACC                               |
| ▲ ELPUN                                                                           |                                             |                                             | N46° 18.4'                             | E121° 04.3'                     |                                          |
| RNAV2                                                                             | 173° /353°<br>45                            | 1 992                                       | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ IKITI                                                                           |                                             |                                             | N45° 54.9'                             | E121° 14.1'                     |                                          |
| RNAV2                                                                             | 158° /338°<br>133                           | 1 944                                       | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ APUKO                                                                           |                                             |                                             | N44° 53.7'                             | E122° 07.1'                     |                                          |
| RNAV2                                                                             | 158° /338°<br>124                           | 809                                         | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ DULEX                                                                           |                                             |                                             | N43° 56.3'                             | E122° 55.7'                     |                                          |
| RNAV2                                                                             | 158° /338°<br>42                            | 802                                         | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ UGRUP                                                                           |                                             |                                             | N43° 36.9'                             | E123° 11.9'                     |                                          |
| RNAV2                                                                             | 158° /338°<br>127                           | 1 034                                       | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ 开原 Kaiyuan VOR/DME(KYU)                                                         |                                             |                                             | N42° 37.9'                             | E124° 00.4'                     |                                          |
| RNAV2                                                                             | 183° /003°<br>90                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ EKVOK                                                                           |                                             |                                             | N41° 49.4'                             | E124° 06.6'                     |                                          |
| RNAV2                                                                             | 183° /003°<br>47                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ BIDIB                                                                           |                                             |                                             | N41° 24.4'                             | E124° 09.8'                     |                                          |
| RNAV2                                                                             | 184° /004°<br>14                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                             |
| ▲ VILIX                                                                           |                                             |                                             | N41° 16.9'                             | E124° 10.4'                     |                                          |

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|---------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|---------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                             | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                  |
| RNAV2                                                                           | 184° /004°<br>26                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                            |
| ▲ ANSUK                                                                         |                                             |                                             | N41° 02.9′ E124° 11.6′                 |                                 |                                                         |
| RNAV2                                                                           | 184° /004°<br>88                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                            |
| ▲ 丹东 Dandong VOR/DME(DDG)                                                       |                                             |                                             | N40° 15.4′ E124° 17.0′                 |                                 |                                                         |
| RNAV2                                                                           | 114° /294°<br>20                            | 1 436                                       | 20                                     | ↓ ↑                             | Shenyang ACC<br><br>GOLOT:Shenyang ACC/Pyongyang<br>FIR |
| ▲ GOLOT 中朝国境点                                                                   |                                             |                                             | N40° 12.5′ E124° 30.5′                 |                                 |                                                         |
| A364                                                                            |                                             |                                             |                                        |                                 |                                                         |
| ▲ 叶尔羌 Yarkant VOR/DME(DSC)                                                      |                                             |                                             | N38° 13.3′ E077° 04.3′                 |                                 |                                                         |
| RNP4                                                                            | 344° /164°<br>56                            | 2 399                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| △ ANKIV                                                                         |                                             |                                             | N38° 42.5′ E076° 56.0′                 |                                 |                                                         |
| RNP4                                                                            | 316° /136°<br>122                           | 2 700                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| ▲ 喀什 Kashi VOR/DME(KHG)                                                         |                                             |                                             | N39° 32.8′ E076° 01.4′                 |                                 |                                                         |
| A368                                                                            |                                             |                                             |                                        |                                 |                                                         |
| ▲ 阜康 Fukang VOR/DME(FKG)                                                        |                                             |                                             | N44° 10.4′ E087° 59.0′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>30                            | 2 350                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| △ VARMI                                                                         |                                             |                                             | N44° 20.1′ E087° 41.1′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>40                            | 1 082                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| △ UGPEL                                                                         |                                             |                                             | N44° 33.1′ E087° 17.2′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>30                            | 1 059                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| △ IKARA                                                                         |                                             |                                             | N44° 43.3′ E086° 59.6′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>20                            | 1 072                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| △ OMKEN                                                                         |                                             |                                             | N44° 50.0′ E086° 48.0′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>157                           | 1 502                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| ▲ SALMO                                                                         |                                             |                                             | N45° 41.9′ E085° 13.3′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>104                           | 3 200                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |
| △ PIBIG                                                                         |                                             |                                             | N46° 15.3′ E084° 08.1′                 |                                 |                                                         |
| RNP4                                                                            | 304° /124°<br>76                            | 3 200                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                              |

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|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                               | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                                                                      |
| △塔城 Tacheng VOR/DME(TCH)                                                          |                                             |                                             | N46° 40.1'                             | E083° 20.7'                     |                                                                                                             |
| RNP4                                                                              | 297° /117°<br>41                            | 2 762                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                                                                                  |
| ▲ SARIN 中哈国境点                                                                     |                                             |                                             | N46° 51.9'                             | E082° 53.3'                     |                                                                                                             |
| A460                                                                              |                                             |                                             |                                        |                                 |                                                                                                             |
| ▲ 龟兹 Qiuci VOR/DME(XKC)                                                           |                                             |                                             | N41° 40.6'                             | E082° 50.6'                     |                                                                                                             |
| RNP4                                                                              | 318° /138°<br>145                           | 5 586                                       | 20                                     | ↓ ↑                             | Urumqi ACC                                                                                                  |
| ▲ IDMOL                                                                           |                                             |                                             | N42° 41.5'                             | E081° 44.4'                     |                                                                                                             |
| RNP4                                                                              | 313° /133°<br>121                           | 5 503                                       | 20                                     | ↓ ↑                             | Urumqi ACC<br>RULAD:Urumqi ACC/Almaty FIR                                                                   |
| ▲ RULAD 中哈国境点                                                                     |                                             |                                             | N43° 30.0'                             | E080° 44.0'                     |                                                                                                             |
| 航线高度 7 500 米至 12 500 米。<br>En-route altitude 7 500m—12 500m.                      |                                             |                                             |                                        |                                 |                                                                                                             |
| A461                                                                              |                                             |                                             |                                        |                                 |                                                                                                             |
| ▲ 大王庄 Dawangzhuang VOR/DME(VYK)                                                   |                                             |                                             | N39° 11.7'                             | E116° 34.3'                     |                                                                                                             |
| RNAV2                                                                             | 211° /031°<br>53                            | 650                                         | 20                                     | ↓ ↑                             | Beijing ACC                                                                                                 |
| ▲ IKENU                                                                           |                                             |                                             | N38° 45.5'                             | E116° 18.8'                     |                                                                                                             |
| RNAV2                                                                             | 211° /031°<br>127                           | 650                                         | 20                                     | ↓ ↑                             | Beijing ACC                                                                                                 |
| ▲ 衡水 Hengshui NDB(HG)                                                             |                                             |                                             | N37° 43.0'                             | E115° 42.3'                     |                                                                                                             |
| RNAV2                                                                             | 210° /030°<br>28                            | 637                                         | 20                                     | ↓ ↑                             | Beijing ACC                                                                                                 |
| ▲ DOVSU                                                                           |                                             |                                             | N37° 29.3'                             | E115° 34.3'                     |                                                                                                             |
| RNAV2                                                                             | 210° /030°<br>138                           | 659                                         | 20                                     | ↓ ↑                             | DOVSU:<br>Beijing ACC<br>魏县 Weixian VOR/DME:<br>Beijing ACC(Above 7 800m)<br>Zhengzhou ACC(7 800m or below) |
| ▲ 魏县 Weixian VOR/DME(WXI)                                                         |                                             |                                             | N36° 21.8'                             | E114° 55.0'                     |                                                                                                             |
| RNAV2                                                                             | 189° /009°<br>186                           | 735                                         | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Zhengzhou ACC(7 800m or below)                                                 |
| ▲ AKOMA                                                                           |                                             |                                             | N34° 41.5'                             | E114° 45.2'                     |                                                                                                             |
| RNAV2                                                                             | 189° /009°<br>44                            | 735                                         | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Zhengzhou ACC(7 800m or below)                                                 |
| ▲ IDULA                                                                           |                                             |                                             | N34° 18.1'                             | E114° 42.9'                     |                                                                                                             |
| RNAV2                                                                             | 189° /009°<br>71                            | 735                                         | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Zhengzhou ACC(7 800m or below)                                                 |
| ▲ 周口 Zhokou VOR/DME(ZHO)                                                          |                                             |                                             | N33° 39.9'                             | E114° 39.3'                     |                                                                                                             |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|--------------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                       |
| RNAV2                                                                             | 189° /009°<br>149                           | 716                                         | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Zhengzhou ACC(7 800m or below)  |
| ▲ OBLIK                                                                           |                                             |                                             | N32° 19.8' E114° 31.5'                 |                                 |                                                              |
| RNAV2                                                                             | 189° /009°<br>68                            | 1 408                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Wuhan ACC(7 800m or below)    |
| ▲ ESDOS                                                                           |                                             |                                             | N31° 43.3' E114° 28.1'                 |                                 |                                                              |
| RNAV2                                                                             | 189° /009°<br>44                            | 1 382                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Wuhan ACC(7 800m or below)    |
| ▲ 河口 Hekou VOR/DME(HOK)                                                           |                                             |                                             | N31° 19.5' E114° 25.8'                 |                                 |                                                              |
| RNAV2                                                                             | 208° /028°<br>172                           | 1 473                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Wuhan ACC(7 800m or below)    |
| ▲ 龙口 Longkou VOR/DME(LKO)                                                         |                                             |                                             | N29° 54.4' E113° 41.5'                 |                                 |                                                              |
| RNAV2                                                                             | 187° /007°<br>72                            | 1 793                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Wuhan ACC(7 800m or below)    |
| ▲ DAPRO                                                                           |                                             |                                             | N29° 15.5' E113° 38.4'                 |                                 |                                                              |
| RNAV2                                                                             | 187° /007°<br>56                            | 2 187                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below) |
| ▲ AKUBA                                                                           |                                             |                                             | N28° 45.3' E113° 36.0'                 |                                 |                                                              |
| RNAV2                                                                             | 187° /007°<br>30                            | 2 171                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below) |
| ▲ LUMKO                                                                           |                                             |                                             | N28° 28.9' E113° 34.9'                 |                                 |                                                              |
| RNAV2                                                                             | 187° /007°<br>42                            | 2 171                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below) |
| ▲ PAVTU                                                                           |                                             |                                             | N28° 06.3' E113° 33.4'                 |                                 |                                                              |
| RNAV2                                                                             | 187° /007°<br>51                            | 1 417                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below) |
| ▲ 醴陵 Liling VOR/DME(LIG)                                                          |                                             |                                             | N27° 38.9' E113° 31.0'                 |                                 |                                                              |
| RNAV2                                                                             | ---/004°<br>199                             | 2 642                                       | 20                                     | ↑                               | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below) |
| ▲ BUBDA                                                                           |                                             |                                             | N25° 52.1' E113° 27.8'                 |                                 |                                                              |
| RNAV2                                                                             | ---/004°<br>186                             | 2 642                                       | 20                                     | ↑                               | Guangzhou ACC                                                |
| ▲ 英德 Yingde VOR/DME(YIN)                                                          |                                             |                                             | N24° 11.4' E113° 24.9'                 |                                 |                                                              |
| RNAV2                                                                             | ---/342°<br>130                             | 1 881                                       |                                        | ↑                               | Guangzhou ACC                                                |
| ▲ 石龙 Shilong VOR/DME(SHL)                                                         |                                             |                                             | N23° 05.5' E113° 51.0'                 |                                 |                                                              |
| RNAV2                                                                             | ---/337°<br>24                              | 1 567                                       |                                        | ↑                               | Guangzhou ACC                                                |
| ▲ IDUMA                                                                           |                                             |                                             | N22° 53.8' E113° 57.1'                 |                                 |                                                              |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                           |                                            | 重要点坐标<br>Significant Point Coordinates |                                 |                                                        |
|-----------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------|---------------------------------|--------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹(磁)<br>距离(千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度(米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                 |
| RNAV2                                                                             | ---/337°<br>43                            | 1 567                                      |                                        | ↑                               | Guangzhou ACC<br><br>BEKOL:Guangzhou ACC/Hong Kong FIR |
| ▲ BEKOL                                                                           |                                           |                                            | N22° 32.6′ E114° 08.0′                 |                                 |                                                        |
| A468                                                                              |                                           |                                            |                                        |                                 |                                                        |
| ▲ KAMUD 中吉国境点                                                                     |                                           |                                            | N41° 34.0′ E078° 50.0′                 |                                 |                                                        |
| RNP4                                                                              | 084° /264°<br>333                         | 6 488                                      | 20                                     | ↓ ↑                             | Urumqi ACC                                             |
| ▲ 龟兹 Qiuci VOR/DME(XKC)                                                           |                                           |                                            | N41° 40.6′ E082° 50.6′                 |                                 |                                                        |
| A470                                                                              |                                           |                                            |                                        |                                 |                                                        |
| ▲ 邳县 Pixian VOR/DME(DPX)                                                          |                                           |                                            | N34° 16.7′ E117° 59.9′                 |                                 |                                                        |
| RNAV2                                                                             | 169° /349°<br>31                          | 807                                        |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ MEXUP                                                                           |                                           |                                            | N34° 00.6′ E118° 05.8′                 |                                 |                                                        |
| RNAV2                                                                             | 169° /349°<br>23                          | 661                                        |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ DALNU                                                                           |                                           |                                            | N33° 48.8′ E118° 10.1′                 |                                 |                                                        |
| RNAV2                                                                             | 169° /349°<br>69                          | 709                                        |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ RUPUD                                                                           |                                           |                                            | N33° 13.2′ E118° 23.0′                 |                                 |                                                        |
| RNAV2                                                                             | 169° /349°<br>64                          | 849                                        |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ 半塔集 Bantaji NDB(OF)                                                             |                                           |                                            | N32° 40.4′ E118° 34.7′                 |                                 |                                                        |
| RNAV2                                                                             | 164° /344°<br>101                         | 1 069                                      |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ DOGVI                                                                           |                                           |                                            | N31° 49.2′ E118° 57.8′                 |                                 |                                                        |
| RNAV2                                                                             | 164° /344°<br>20                          | 1 069                                      |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ OLRIS                                                                           |                                           |                                            | N31° 39.0′ E119° 02.4′                 |                                 |                                                        |
| RNAV2                                                                             | 170° /350°<br>10                          | 1 059                                      |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ SAPIN                                                                           |                                           |                                            | N31° 33.9′ E119° 04.0′                 |                                 |                                                        |
| RNAV2                                                                             | 148° /328°<br>51                          | 1 470                                      |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ TESIG                                                                           |                                           |                                            | N31° 11.8′ E119° 23.3′                 |                                 |                                                        |
| RNAV2                                                                             | 148° /328°<br>67                          | 1 470                                      |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |
| ▲ IGRAT                                                                           |                                           |                                            | N30° 43.0′ E119° 48.4′                 |                                 |                                                        |
| RNAV2                                                                             | 148° /328°<br>16                          | 1 470                                      |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                             |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                                    |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|--------------------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                             |
| ▲ UDOLA                                                                           |                                             |                                             | N30° 36.1'                             | E119° 54.3'                     |                                                                    |
| RNAV2                                                                             | 148° /328°<br>41                            | 1 470                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ 笕桥 Jianqiao NDB(CJ)                                                             |                                             |                                             | N30° 18.3'                             | E120° 10.0'                     |                                                                    |
| RNAV2                                                                             | 224° /044°<br>77                            | 1 846                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ 桐庐 Tonglu VOR/DME(TOL)                                                          |                                             |                                             | N29° 45.8'                             | E119° 39.6'                     |                                                                    |
| RNAV2                                                                             | 188° /008°<br>15                            | 1 910                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ UGAGO                                                                           |                                             |                                             | N29° 37.7'                             | E119° 39.0'                     |                                                                    |
| RNAV2                                                                             | 188° /008°<br>22                            | 1 910                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ ENLET                                                                           |                                             |                                             | N29° 26.0'                             | E119° 38.8'                     |                                                                    |
| RNAV2                                                                             | 188° /008°<br>39                            | 1 910                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ OSPAM                                                                           |                                             |                                             | N29° 05.1'                             | E119° 37.2'                     |                                                                    |
| RNAV2                                                                             | 188° /008°<br>80                            | 2 130                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ PABMU                                                                           |                                             |                                             | N28° 22.3'                             | E119° 34.6'                     |                                                                    |
| RNAV2                                                                             | 188° /008°<br>30                            | 2 140                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ 云和 Yunhe NDB(BZ)                                                                |                                             |                                             | N28° 06.1'                             | E119° 33.7'                     |                                                                    |
| RNAV2                                                                             | 184° /004°<br>74                            | 2 290                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                         |
| ▲ DAGMO                                                                           |                                             |                                             | N27° 26.2'                             | E119° 33.4'                     |                                                                    |
| RNAV2                                                                             | 184° /004°<br>20                            | 2 171                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(6 000m - 7 800m)          |
| ▲ AKAVO                                                                           |                                             |                                             | N27° 15.6'                             | E119° 33.4'                     |                                                                    |
| RNAV2                                                                             | 184° /004°<br>115                           | 2 171                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(6 000m(exclusive)-7 800m) |
| ▲ 连江 Lianjiang VOR/DME(LJG)                                                       |                                             |                                             | N26° 13.2'                             | E119° 32.9'                     |                                                                    |
| RNAV2                                                                             | 201° /021°<br>56                            | 1 650                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(6 000m(exclusive)-7 800m) |
| ▲ 福清 Fuqing VOR/DME(FQG)                                                          |                                             |                                             | N25° 44.4'                             | E119° 23.1'                     |                                                                    |
| RNAV2                                                                             | 230° /050°<br>65                            | 1 775                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(7 800m or below)          |
| ▲ ENVEN                                                                           |                                             |                                             | N25° 20.5'                             | E118° 55.1'                     |                                                                    |
| RNAV2                                                                             | 230° /050°<br>41                            | 1 775                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(7 800m or below)          |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                    |
| ▲ ATSAB                                                                           |                                             |                                             | N25° 05.6'                             | E118° 37.1'                     |                                                           |
| RNAV2                                                                             | 230° /050°<br>63                            | 1 775                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(7 800m or below) |
| ▲ AMURI                                                                           |                                             |                                             | N24° 42.0'                             | E118° 10.1'                     |                                                           |
| RNAV2                                                                             | 230° /050°<br>21                            | 1 775                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(7 800m or below) |
| ▲ 杏林 Xinglin VOR/DME(XLN)                                                         |                                             |                                             | N24° 33.9'                             | E118° 00.9'                     |                                                           |
| RNAV2                                                                             | 231° /051°<br>71                            | 1 811                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(7 800m or below) |
| ▲ TEBON                                                                           |                                             |                                             | N24° 08.3'                             | E117° 30.1'                     |                                                           |
| RNAV2                                                                             | 225° /045°<br>56                            | 1 649                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Xiamen ACC(7 800m or below) |
| ▲ IKATA                                                                           |                                             |                                             | N23° 45.9'                             | E117° 08.2'                     |                                                           |
| RNAV2                                                                             | 229° /049°<br>52                            | 1 649                                       |                                        | ↓ ↑                             | Guangzhou ACC                                             |
| ▲ 汕头 Shantou VOR/DME(SWA)                                                         |                                             |                                             | N23° 26.4'                             | E116° 46.0'                     |                                                           |
| RNAV2                                                                             | 220° /040°<br>68                            | 1 205                                       |                                        | ↓ ↑                             | Guangzhou ACC                                             |
| ▲ BEBEM                                                                           |                                             |                                             | N22° 57.0'                             | E116° 21.6'                     |                                                           |
| RNAV2                                                                             | 220° /040°<br>32                            | 1 205                                       |                                        | ↓ ↑                             | Guangzhou ACC                                             |
| ▲ DOTMI                                                                           |                                             |                                             | N22° 43.1'                             | E116° 10.1'                     |                                                           |
| RNAV2                                                                             | 219° /039°<br>59                            | 656                                         |                                        | ↓ ↑                             | DOTMI:<br>Guangzhou ACC<br>MAGOG:<br>Hong Kong FIR        |
| ▲ MAGOG                                                                           |                                             |                                             | N22° 17.3'                             | E115° 49.4'                     |                                                           |
| A575                                                                              |                                             |                                             |                                        |                                 |                                                           |
| ▲ GOLOT 中朝国境点                                                                     |                                             |                                             | N40° 12.5'                             | E124° 30.5'                     |                                                           |
| RNAV2                                                                             | 294° /114°<br>20                            | 1 436                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ 丹东 Dandong VOR/DME(DDG)                                                         |                                             |                                             | N40° 15.4'                             | E124° 17.0'                     |                                                           |
| RNAV2                                                                             | 004° /184°<br>88                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ ANSUK                                                                           |                                             |                                             | N41° 02.9'                             | E124° 11.6'                     |                                                           |
| RNAV2                                                                             | 004° /184°<br>26                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ VILIX                                                                           |                                             |                                             | N41° 16.9'                             | E124° 10.4'                     |                                                           |
| RNAV2                                                                             | 004° /184°<br>14                            | 1 900                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ BIDIB                                                                           |                                             |                                             | N41° 24.4'                             | E124° 09.8'                     |                                                           |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name,Type,Identification                                                       |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                                                                                   | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                    |
| RNAV2                                                                                                                                 | 287° /107°<br>73                            | 1 632                                       | 10                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ 东羊角 Dongyangjiao NDB(PU)                                                                                                            |                                             |                                             | N41° 30.4′ E123° 17.5′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 287° /107°<br>99                            | 818                                         | 10                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ 大虎山 Dahushan VOR/DME(DHN)                                                                                                           |                                             |                                             | N41° 38.7′ E122° 06.9′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 273° /093°<br>78                            | 1 482                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ OMDUS                                                                                                                               |                                             |                                             | N41° 34.5′ E121° 11.0′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 273° /093°<br>63                            | 1 482                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ 朝阳 Chaoyang VOR/DME(CHG)                                                                                                            |                                             |                                             | N41° 32.2′ E120° 26.0′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 258° /078°<br>152                           | 2 181                                       | 20                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ ANDIN                                                                                                                               |                                             |                                             | N41° 04.7′ E118° 42.9′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 282° /102°<br>176                           | 2 647                                       | 20                                     | ↓ ↑                             | Beijing ACC                                               |
| ▲ PIDOX                                                                                                                               |                                             |                                             | N41° 14.1′ E116° 37.5′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 332° /152°<br>98                            | 2 892                                       | 20                                     | ↓ ↑                             | Beijing ACC                                               |
| ▲ ASILA                                                                                                                               |                                             |                                             | N41° 57.5′ E115° 57.1′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 303° /123°<br>162                           | 2 402                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC (7 800m or below) |
| △ VANVO                                                                                                                               |                                             |                                             | N42° 37.6′ E114° 12.3′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 303° /123°<br>93                            | 1 832                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC (7 800m or below) |
| △ UKBAD                                                                                                                               |                                             |                                             | N43° 00.7′ E113° 11.4′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 303° /123°<br>97                            | 1 832                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC (7 800m or below) |
| ▲ 二连浩特 Erenhot VOR/DME(LHT)                                                                                                           |                                             |                                             | N43° 24.8′ E112° 07.6′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 334° /154°<br>15                            | 1 639                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC (7 800m or below) |
| ▲ ESMEP                                                                                                                               |                                             |                                             | N43° 32.0′ E112° 01.5′                 |                                 |                                                           |
| RNAV2                                                                                                                                 | 334° /154°<br>19                            | 1 639                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC (7 800m or below) |
| ▲ INTIK 中蒙国境点                                                                                                                         |                                             |                                             | N43° 40.8′ E111° 54.1′                 |                                 |                                                           |
| BIDIB 至东羊角 NDB 航段飞行高度 7 200 米至 12 500 米; 往返同。<br>Segment BIDIB to Dongyangjiao NDB en-route altitudes 7 200m—12 500m; and vice versa. |                                             |                                             |                                        |                                 |                                                           |
| A581                                                                                                                                  |                                             |                                             |                                        |                                 |                                                           |
| ▲ 天河 Tianhe VOR/DME(WHA)                                                                                                              |                                             |                                             | N30° 46.9′ E114° 12.2′                 |                                 |                                                           |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                                                                                                                            |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                                                                                                                     |
| RNAV2                                                                             | 241° /061°<br>116                           | 1 204                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Wuhan ACC(7 800m or below)                                                                                                  |
| ▲ GUGAM                                                                           |                                             |                                             | N30° 13.0' E113° 11.1'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 241° /061°<br>177                           | 1 204                                       | 20                                     | ↓ ↑                             | GUGAM:<br>Guangzhou ACC(Above 7 800m)<br>Wuhan ACC(7 800m or below)<br>临澧 Linli VOR/DME:<br>Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below)   |
| ▲ 临澧 Linli VOR/DME(LIN)                                                           |                                             |                                             | N29° 21.2' E111° 38.9'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 251° /071°<br>97                            | 2 118                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below)                                                                                               |
| ▲ NOMUK                                                                           |                                             |                                             | N29° 01.8' E110° 43.5'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 251° /071°<br>134                           | 2 118                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below)                                                                                               |
| ▲ 花垣 Huayuan VOR/DME(HUY)                                                         |                                             |                                             | N28° 34.8' E109° 27.0'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 245° /065°<br>33                            | 1 831                                       | 20                                     | ↓ ↑                             | 花垣 Huayuan VOR/DME:<br>Guangzhou ACC(Above 7 800m)<br>Changsha ACC(7 800m or below)<br>EPGAL:<br>Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below) |
| ▲ EPGAL                                                                           |                                             |                                             | N28° 26.8' E109° 08.7'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 245° /065°<br>151                           | 2 174                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                                                                  |
| ▲ TAXOR                                                                           |                                             |                                             | N27° 49.7' E107° 46.4'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 245° /065°<br>62                            | 2 100                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                                                                  |
| △ EKADI                                                                           |                                             |                                             | N27° 34.6' E107° 12.7'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 245° /065°<br>25                            | 2 010                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                                                                  |
| ▲ MEMAG                                                                           |                                             |                                             | N27° 28.5' E106° 59.2'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 245° /065°<br>26                            | 1 916                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                                                                  |
| ▲ AGTIS                                                                           |                                             |                                             | N27° 22.1' E106° 45.0'                 |                                 |                                                                                                                                                            |
| RNAV2                                                                             | 245° /065°<br>42                            | 2 200                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                                                                  |
| ▲ BIPIP                                                                           |                                             |                                             | N27° 12.0' E106° 22.5'                 |                                 |                                                                                                                                                            |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name,Type,Identification                                     |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                                                                 | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                                                                        |
| RNAV2                                                                                                               | 245° /065°<br>38                            | 2 400                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                     |
| ▲黔西 Qianxi VOR/DME(QNX)                                                                                             |                                             |                                             | N27° 02.5′ E106° 01.8′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 248° /068°<br>109                           | 2 986                                       | 20                                     | ↓ ↑                             | Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)                                                     |
| ▲六盘水 Liupanshui VOR/DME(LPS)                                                                                        |                                             |                                             | N26° 38.6′ E105° 01.8′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 238° /058°<br>135                           | 3 466                                       | 20                                     | ↓ ↑                             | 六盘水 Liupanshui VOR/DME:<br>Chengdu ACC(Above 7 800m)<br>Guiyang ACC(7 800m or below)<br>XISLI:<br>Kunming ACC |
| ▲ XISLI                                                                                                             |                                             |                                             | N25° 58.5′ E103° 54.0′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 238° /058°<br>116                           | 3 894                                       | 20                                     | ↓ ↑                             | Kunming ACC                                                                                                   |
| ▲盘龙 Panlong VOR/DME(XFA)                                                                                            |                                             |                                             | N25° 24.1′ E102° 56.0′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 231° /051°<br>55                            | 3 596                                       | 20                                     | ↓ ↑                             | Kunming ACC                                                                                                   |
| ▲西山 Xishan VOR/DME(SGM)                                                                                             |                                             |                                             | N25° 04.9′ E102° 31.2′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 212° /032°<br>142                           | 3 434                                       | 20                                     | ↓ ↑                             | Kunming ACC                                                                                                   |
| ▲ ELASU                                                                                                             |                                             |                                             | N23° 59.2′ E101° 47.4′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 212° /032°<br>164                           | 3 155                                       | 20                                     | ↓ ↑                             | Kunming ACC                                                                                                   |
| ▲ BIDRU                                                                                                             |                                             |                                             | N22° 43.1′ E100° 57.9′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 159° /339°<br>80                            | 2 605                                       | 20                                     | ↓ ↑                             | Kunming ACC                                                                                                   |
| ▲ NOKET                                                                                                             |                                             |                                             | N22° 02.9′ E101° 15.3′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 159° /339°<br>102                           | 2 605                                       | 20                                     | ↓ ↑                             | Kunming ACC                                                                                                   |
| ▲ SAGAG 中老国境点                                                                                                       |                                             |                                             | N21° 11.5′ E101° 37.4′                 |                                 |                                                                                                               |
| EPGAL 至 AGTIS 航段飞行高度 8 100 米 (含) 至 12 500 米。<br>Segments between EPGAL and AGTIS, en-route altitude 8 100m—12 500m. |                                             |                                             |                                        |                                 |                                                                                                               |
| A588                                                                                                                |                                             |                                             |                                        |                                 |                                                                                                               |
| ▲ SANKO                                                                                                             |                                             |                                             | N38° 15.0′ E122° 27.2′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 340° /160°<br>55                            | 600                                         |                                        | ↓ ↑                             | Dalian ACC                                                                                                    |
| ▲ UDETI                                                                                                             |                                             |                                             | N38° 41.5′ E122° 09.6′                 |                                 |                                                                                                               |
| RNAV2                                                                                                               | 039° /219°<br>28                            | 851                                         | 15                                     | ↓ ↑                             | Dalian ACC                                                                                                    |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                    |
| ▲ VENOS                                                                           |                                             |                                             | N38° 54.2'                             | E122° 19.6'                     |                                                           |
| RNAV2                                                                             | 039° /219°<br>48                            | 851                                         | 15                                     | ↓ ↑                             | Dalian ACC                                                |
| ▲ 长海 Changhai VOR/DME(CHI)                                                        |                                             |                                             | N39° 16.0'                             | E122° 37.0'                     |                                                           |
| RNAV2                                                                             | 037° /217°<br>99                            | 1 789                                       | 15                                     | ↓ ↑                             | Dalian ACC                                                |
| ▲ NODAL                                                                           |                                             |                                             | N40° 02.8'                             | E123° 10.7'                     |                                                           |
| RNAV2                                                                             | 037° /217°<br>68                            | 1 789                                       | 15                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ TOSID                                                                           |                                             |                                             | N40° 34.9'                             | E123° 34.0'                     |                                                           |
| RNAV2                                                                             | 037° /217°<br>32                            | 1 789                                       | 15                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ ISKEM                                                                           |                                             |                                             | N40° 50.0'                             | E123° 45.0'                     |                                                           |
| RNAV2                                                                             | 037° /217°<br>72                            | 1 789                                       | 15                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ BIDIB                                                                           |                                             |                                             | N41° 24.4'                             | E124° 09.8'                     |                                                           |
| RNAV2                                                                             | 038° /218°<br>73                            | 1 731                                       | 15                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ NUBKI                                                                           |                                             |                                             | N41° 58.8'                             | E124° 35.9'                     |                                                           |
| RNAV2                                                                             | 036° /216°<br>105                           | 1 731                                       | 15                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ LEMOT                                                                           |                                             |                                             | N42° 49.5'                             | E125° 11.0'                     |                                                           |
| RNAV2                                                                             | 036° /216°<br>118                           | 1 731                                       | 15                                     | ↓ ↑                             | Shenyang ACC                                              |
| ▲ 万昌 Wanchang VOR/DME(LJB)                                                        |                                             |                                             | N43° 46.4'                             | E125° 51.1'                     |                                                           |
| RNAV2                                                                             | 019° /199°<br>20                            | 1 222                                       | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(Below 9 800m) |
| ▲ NULRA                                                                           |                                             |                                             | N43° 57.0'                             | E125° 53.3'                     |                                                           |
| RNAV2                                                                             | 019° /199°<br>59                            | 1 180                                       | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(Below 9 800m) |
| ▲ ISBOP                                                                           |                                             |                                             | N44° 28.5'                             | E126° 00.2'                     |                                                           |
| RNAV2                                                                             | 019° /199°<br>29                            | 1 271                                       | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(below 9 800m) |
| ▲ PABKI                                                                           |                                             |                                             | N44° 43.9'                             | E126° 03.6'                     |                                                           |
| RNAV2                                                                             | 019° /199°<br>101                           | 1 271                                       | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(below 9 800m) |
| ▲ 哈尔滨 Harbin VOR/DME(HRB)                                                         |                                             |                                             | N45° 37.6'                             | E126° 15.6'                     |                                                           |
| RNAV2                                                                             | 020° /200°<br>98                            | 1 355                                       | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(below 9 800m) |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name,Type,Identification                                                                                                                                                                                              |                                           |                                            | 重要点坐标<br>Significant Point Coordinates |                                 |                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                                                                                                                                                                                                                          | 航迹(磁)<br>距离(千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度(米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                    |
| ▲ BUBDI                                                                                                                                                                                                                                                                      |                                           |                                            | N46° 29.9′ E126° 27.2′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 020° /200°<br>412                         | 1 355                                      | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(below 9 800m) |
| ▲黑河 Heihe VOR/DME(HEK)                                                                                                                                                                                                                                                       |                                           |                                            | N50° 10.1′ E127° 18.6′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 029° /209°<br>14                          | 913                                        | 20                                     | ↓ ↑                             | Shenyang ACC(9 800m or above)<br>Harbin ACC(below 9 800m) |
| ▲ SIMLI 中俄国境点                                                                                                                                                                                                                                                                |                                           |                                            | N50° 17.4′ E127° 22.1′                 |                                 |                                                           |
| UDETI 至万昌 VOR 航段飞行高度 7 200 米至 12 500 米; 往返同。<br>Segments UDETI to Wanchang VOR en-route altitudes 7 200m—12 500m; and vice versa.<br>UDETI 至万昌 VOR 航段宽度: 中线东侧为 9km, 西侧为 6km。<br>Lateral limits of Segments UDETI to Wanchang VOR: eastbound of cenerline 9km, westbound 6km. |                                           |                                            |                                        |                                 |                                                           |
| A591                                                                                                                                                                                                                                                                         |                                           |                                            |                                        |                                 |                                                           |
| ▲ IKEKA                                                                                                                                                                                                                                                                      |                                           |                                            | N36° 49.9′ E123° 21.3′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 064° /244°<br>68                          | 600                                        | 20                                     | ↓ ↑                             | Dalian ACC                                                |
| ▲ AGAVO 中韩国境点                                                                                                                                                                                                                                                                |                                           |                                            | N37° 10.0′ E124° 00.0′                 |                                 |                                                           |
| A593                                                                                                                                                                                                                                                                         |                                           |                                            |                                        |                                 |                                                           |
| ▲大王庄 Dawangzhuang VOR/DME(VYK)                                                                                                                                                                                                                                               |                                           |                                            | N39° 11.7′ E116° 34.3′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 186° /006°<br>121                         | 627                                        | 20                                     | ↓ ↑                             | Beijing ACC                                               |
| ▲泊头 Potou VOR/DME(BTO)                                                                                                                                                                                                                                                       |                                           |                                            | N38° 06.3′ E116° 34.6′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 169° /349°<br>99                          | 620                                        | 20                                     | ↓ ↑                             | Beijing ACC                                               |
| ▲ EPGAM                                                                                                                                                                                                                                                                      |                                           |                                            | N37° 15.2′ E116° 54.0′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 169° /349°<br>10                          | 1 355                                      | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Jinan ACC(7 800m or below)   |
| ▲ RAXEV                                                                                                                                                                                                                                                                      |                                           |                                            | N37° 09.8′ E116° 56.1′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 169° /349°<br>47                          | 1 355                                      | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Jinan ACC(7 800m or below)   |
| △ GOLAL                                                                                                                                                                                                                                                                      |                                           |                                            | N36° 45.9′ E117° 05.1′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 169° /349°<br>40                          | 2 184                                      | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Jinan ACC(7 800m or below)   |
| ▲ DALIM                                                                                                                                                                                                                                                                      |                                           |                                            | N36° 25.1′ E117° 12.8′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 169° /349°<br>48                          | 2 184                                      | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Jinan ACC(7 800m or below)   |
| ▲ ABTUB                                                                                                                                                                                                                                                                      |                                           |                                            | N36° 00.0′ E117° 22.1′                 |                                 |                                                           |
| RNAV2                                                                                                                                                                                                                                                                        | 169° /349°<br>136                         | 2 184                                      | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Jinan ACC(7 800m or below)   |
| ▲ UDINO                                                                                                                                                                                                                                                                      |                                           |                                            | N34° 49.4′ E117° 48.2′                 |                                 |                                                           |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                                                    |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                                             |
| RNAV2                                                                             | 169° /349°<br>63                            | 1 180                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ 邳县 Pixian VOR/DME(DPX)                                                          |                                             |                                             | N34° 16.7'                             | E117° 59.9'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>42                            | 807                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ OMUDI                                                                           |                                             |                                             | N33° 58.2'                             | E118° 16.0'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>69                            | 771                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ LAGAL                                                                           |                                             |                                             | N33° 28.0'                             | E118° 42.3'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>24                            | 738                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ ATVAD                                                                           |                                             |                                             | N33° 17.8'                             | E118° 51.3'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>14                            | 738                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ SUBKU                                                                           |                                             |                                             | N33° 11.8'                             | E118° 56.4'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>35                            | 738                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| △ NIXEM                                                                           |                                             |                                             | N32° 56.5'                             | E119° 09.6'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>66                            | 823                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ XUTGU                                                                           |                                             |                                             | N32° 27.8'                             | E119° 34.5'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>30                            | 889                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ PIMOL                                                                           |                                             |                                             | N32° 14.8'                             | E119° 45.7'                     |                                                                                    |
| RNAV2                                                                             | 150° /330°<br>69                            | 1 031                                       | 20                                     | ↓ ↑                             | Shanghai ACC                                                                       |
| ▲ 无锡 Wuxi VOR/DME(VMB)                                                            |                                             |                                             | N31° 44.6'                             | E120° 11.5'                     |                                                                                    |
| RNAV2                                                                             | 120° /300°<br>119                           | 1 232                                       |                                        | ↓ ↑                             | 无锡 Wuxi VOR/DME:<br>Shanghai ACC<br>南翔 Nanxiang NDB:<br>Shanghai ACC(Above 6 000m) |
| ▲ 南翔 Nanxiang NDB(PK)                                                             |                                             |                                             | N31° 17.0'                             | E121° 19.8'                     |                                                                                    |
| RNAV2                                                                             | 112° /292°<br>45                            | 1 232                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ 浦东 Pudong VOR/DME(PUD)                                                          |                                             |                                             | N31° 10.3'                             | E121° 47.0'                     |                                                                                    |
| RNAV2                                                                             | 082° /262°<br>64                            | 1 232                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ IPRAG                                                                           |                                             |                                             | N31° 17.8'                             | E122° 26.5'                     |                                                                                    |
| RNAV2                                                                             | 082° /262°<br>33                            | 600                                         | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                                         |
| ▲ DUMET                                                                           |                                             |                                             | N31° 21.7'                             | E122° 46.5'                     |                                                                                    |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name,Type,Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                          |
|---------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|----------------------------------------------------------|
| 导航规范<br>Navigation<br>specification                                             | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                   |
| RNAV2                                                                           | 082° /262°<br>70                            | 600                                         | 20                                     | ↓ ↑                             | Shanghai ACC                                             |
| ▲ AKARA                                                                         |                                             |                                             | N31° 30.0′ E123° 30.0′                 |                                 |                                                          |
| RNAV2                                                                           | 080° /260°<br>49                            | 600                                         | 93                                     | ↓ ↑                             | Shanghai ACC                                             |
| ▲ LAMEN                                                                         |                                             |                                             | N31° 36.6′ E124° 00.0′                 |                                 |                                                          |
| RNAV2                                                                           | 080° /260°<br>98                            | 600                                         | 93                                     | ↓ ↑                             | Shanghai ACC<br>SADLI:Shanghai ACC/Fukuoka ACC           |
| ▲ SADLI                                                                         |                                             |                                             | N31° 49.8′ E125° 00.0′                 |                                 |                                                          |
| A596                                                                            |                                             |                                             |                                        |                                 |                                                          |
| ▲ 青白口 Qingbaikou NDB(CD)                                                        |                                             |                                             | N40° 00.8′ E115° 48.3′                 |                                 |                                                          |
| RNAV2                                                                           | 334° /154°<br>49                            | 2 577                                       |                                        | ↓ ↑                             | Beijing ACC                                              |
| ▲ 怀来 Huailai NDB(KM)                                                            |                                             |                                             | N40° 23.3′ E115° 29.8′                 |                                 |                                                          |
| RNAV2                                                                           | 277° /097°<br>122                           | 2 934                                       | 20                                     | ↓ ↑                             | Beijing ACC                                              |
| ▲ 天镇 Tianzhen VOR/DME(TZH)                                                      |                                             |                                             | N40° 24.5′ E114° 03.1′                 |                                 |                                                          |
| RNAV2                                                                           | 281° /101°<br>82                            | 2 934                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ SELGO                                                                         |                                             |                                             | N40° 28.7′ E113° 05.2′                 |                                 |                                                          |
| RNAV2                                                                           | 281° /101°<br>30                            | 2 934                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ AKUKI                                                                         |                                             |                                             | N40° 30.2′ E112° 44.0′                 |                                 |                                                          |
| RNAV2                                                                           | 281° /101°<br>20                            | 2 934                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ 凉城 Liangcheng NDB(SZ)                                                         |                                             |                                             | N40° 31.1′ E112° 29.7′                 |                                 |                                                          |
| RNAV2                                                                           | 276° /096°<br>28                            | 2 937                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ EGANA                                                                         |                                             |                                             | N40° 31.7′ E112° 10.0′                 |                                 |                                                          |
| RNAV2                                                                           | 276° /096°<br>19                            | 2 937                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ DOTOS                                                                         |                                             |                                             | N40° 31.7′ E111° 56.9′                 |                                 |                                                          |
| RNAV2                                                                           | 276° /096°<br>8                             | 2 937                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ IRVAG                                                                         |                                             |                                             | N40° 32.1′ E111° 51.0′                 |                                 |                                                          |
| RNAV2                                                                           | 276° /096°<br>57                            | 2 937                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |
| ▲ REPEP                                                                         |                                             |                                             | N40° 32.4′ E111° 11.0′                 |                                 |                                                          |
| RNAV2                                                                           | 276° /096°<br>100                           | 2 937                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below) |

| 航路代号、重要点名称、类型、识别<br>Route designator/Significant Point Name, Type, Identification |                                             |                                             | 重要点坐标<br>Significant Point Coordinates |                                 |                                                             |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|-------------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                      |
| ▲ 包头 Baotou VOR/DME(BAV)                                                          |                                             |                                             | N40° 33.4'                             | E109° 59.9'                     |                                                             |
| RNAV2                                                                             | 268° /088°<br>255                           | 2 950                                       | 20                                     | ↓ ↑                             | Beijing ACC(Above 7 800m)<br>Hohhot ACC(7 800m or below)    |
| ▲ 磴口 Dengkou VOR/DME(DKO)                                                         |                                             |                                             | N40° 18.9'                             | E106° 59.8'                     |                                                             |
| RNAV2                                                                             | 257° /077°<br>374                           | 2 507                                       | 20                                     | ↓ ↑                             | Xi'an ACC(Above 8 900m)<br>Lanzhou ACC(8 900m or below)     |
| ▲ 雅布赖 Yabrai VOR/DME(YBL)                                                         |                                             |                                             | N39° 25.3'                             | E102° 46.5'                     |                                                             |
| A599                                                                              |                                             |                                             |                                        |                                 |                                                             |
| ▲ 浦东 Pudong VOR/DME(PUD)                                                          |                                             |                                             | N31° 10.3'                             | E121° 47.0'                     |                                                             |
| RNAV2                                                                             | 268° /088°<br>42                            | 1 232                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                  |
| ▲ 九亭 Jiuting VOR/DME(JTN)                                                         |                                             |                                             | N31° 07.4'                             | E121° 20.5'                     |                                                             |
| RNAV2                                                                             | 259° /079°<br>19                            | 1 232                                       |                                        | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                  |
| ▲ OLGAP                                                                           |                                             |                                             | N31° 04.4'                             | E121° 09.0'                     |                                                             |
| RNAV2                                                                             | 259° /079°<br>40                            | 1 232                                       |                                        | ↓ ↑                             | Shanghai ACC                                                |
| ▲ LURMA                                                                           |                                             |                                             | N30° 58.5'                             | E120° 44.9'                     |                                                             |
| RNAV2                                                                             | 259° /079°<br>32                            | 1 232                                       |                                        | ↓ ↑                             | Shanghai ACC                                                |
| ▲ 南浔 Nanxun VOR/DME(NXD)                                                          |                                             |                                             | N30° 53.8'                             | E120° 25.8'                     |                                                             |
| RNAV2                                                                             | 215° /035°<br>53                            | 1 846                                       | 10                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                  |
| ▲ KAKIS                                                                           |                                             |                                             | N30° 29.0'                             | E120° 08.8'                     |                                                             |
| RNAV2                                                                             | 215° /035°<br>93                            | 1 846                                       | 10                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                  |
| ▲ 桐庐 Tonglu VOR/DME(TOL)                                                          |                                             |                                             | N29° 45.8'                             | E119° 39.6'                     |                                                             |
| RNAV2                                                                             | 233° /053°<br>22                            | 2 122                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                  |
| ▲ ELNEX                                                                           |                                             |                                             | N29° 37.9'                             | E119° 29.4'                     |                                                             |
| RNAV2                                                                             | 232° /052°<br>200                           | 2 122                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 6 000m)                                  |
| ▲ 上饶 Shangrao VOR/DME(SHR)                                                        |                                             |                                             | N28° 25.0'                             | E117° 58.2'                     |                                                             |
| RNAV2                                                                             | 230° /050°<br>143                           | 2 728                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Nanchang ACC(7 800m or below) |
| ▲ XUVGI                                                                           |                                             |                                             | N27° 31.2'                             | E116° 55.3'                     |                                                             |
| RNAV2                                                                             | 230° /050°<br>50                            | 2 728                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Nanchang ACC(7 800m or below) |
| ▲ 南丰 Nanfeng NDB(NF)                                                              |                                             |                                             | N27° 12.5'                             | E116° 33.5'                     |                                                             |

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|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|---------------------------------------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks                              |
| RNAV2                                                                             | 230° /050°<br>116                           | 2 264                                       | 20                                     | ↓ ↑                             | Shanghai ACC(Above 7 800m)<br>Nanchang ACC(7 800m or below)         |
| ▲ SAGON                                                                           |                                             |                                             | N26° 30.1' E115° 42.5'                 |                                 |                                                                     |
| RNAV2                                                                             | 230° /050°<br>113                           | 1 690                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(Above 7 800m)<br>Nanchang ACC(7 800m or below)        |
| ▲ 蟠龙 Panlong VOR/DME(PLT)                                                         |                                             |                                             | N25° 48.5' E114° 52.5'                 |                                 |                                                                     |
| RNAV2                                                                             | 220° /040°<br>100                           | 2 028                                       | 8                                      | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ 南雄 Nanxiong VOR/DME(NNX)                                                        |                                             |                                             | N25° 05.7' E114° 16.4'                 |                                 |                                                                     |
| RNAV2                                                                             | 194° /014°<br>85                            | 2 028                                       | 8                                      | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ 翁源 Wengyuan VOR/DME(WYN)                                                        |                                             |                                             | N24° 21.0' E114° 06.7'                 |                                 |                                                                     |
| RNAV2                                                                             | 215° /035°<br>32                            | 1 845                                       | 8                                      | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ NOLON                                                                           |                                             |                                             | N24° 06.5' E113° 56.8'                 |                                 |                                                                     |
| RNAV2                                                                             | 215° /035°<br>68                            | 1 845                                       | 8                                      | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ 从化 Conghua VOR/DME(CON)                                                         |                                             |                                             | N23° 35.3' E113° 35.2'                 |                                 |                                                                     |
| RNAV2                                                                             | 215° /035°<br>75                            | 1 810                                       | 8                                      | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ 平洲 Pingzhou VOR/DME(POU)                                                        |                                             |                                             | N23° 01.3' E113° 11.4'                 |                                 |                                                                     |
| RNAV2                                                                             | 277° /097°<br>72                            | 1 600                                       | 10                                     | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ 高要 Gaoyao VOR/DME(GYA)                                                          |                                             |                                             | N23° 04.2' E112° 29.2'                 |                                 |                                                                     |
| RNAV2                                                                             | 285° /105°<br>69                            | 1 615                                       | 20                                     | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ AVPAM                                                                           |                                             |                                             | N23° 12.5' E111° 49.6'                 |                                 |                                                                     |
| RNAV2                                                                             | 285° /105°<br>71                            | 1 599                                       | 20                                     | ↓ ↑                             | Guangzhou ACC                                                       |
| ▲ BIPOP                                                                           |                                             |                                             | N23° 21.0' E111° 08.9'                 |                                 |                                                                     |
| RNAV2                                                                             | 285° /105°<br>82                            | 1 490                                       | 20                                     | ↓ ↑                             | Guangzhou ACC(7 800m(exclusive)-12 500m)<br>Nanning ACC(GND-7 800m) |
| ▲ ATLAT                                                                           |                                             |                                             | N23° 30.8' E110° 21.8'                 |                                 |                                                                     |
| RNAV2                                                                             | 285° /105°<br>127                           | 1 868                                       | 20                                     | ↓ ↑                             | Nanning ACC                                                         |
| ▲ 来宾 Laibin VOR/DME(LBN)                                                          |                                             |                                             | N23° 45.8' E109° 08.8'                 |                                 |                                                                     |
| RNAV2                                                                             | 275° /095°<br>100                           | 1 396                                       | 20                                     | ↓ ↑                             | Nanning ACC                                                         |
| ▲ DUDIT                                                                           |                                             |                                             | N23° 49.3' E108° 09.7'                 |                                 |                                                                     |

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|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------|---------------------------------|----------------------------------------|
| 导航规范<br>Navigation specification                                                  | 航迹 (磁)<br>距离 (千米)<br>Track(MAG)<br>DIST(km) | 最低飞行<br>高度 (米)<br>MNM flight<br>altitude(m) | 航路宽度<br>(千米)<br>Lateral<br>limits(km)  | 航段方向<br>Direction of<br>segment | 管制单位、备注<br>Controlling unit<br>Remarks |
| RNAV2                                                                             | 275° /095°<br>154                           | 1 676                                       | 20                                     | ↓ ↑                             | Nanning ACC                            |
| ▲ 百色 Bose VOR/DME(BSE)                                                            |                                             |                                             | N23° 53.5' E106° 38.7'                 |                                 |                                        |
| RNAV2                                                                             | 285° /105°<br>99                            | 2 185                                       | 20                                     | ↓ ↑                             | Nanning ACC                            |
| ▲ MEPAN                                                                           |                                             |                                             | N24° 06.2' E105° 42.2'                 |                                 |                                        |
| RNAV2                                                                             | 285° /105°<br>51                            | 3 201                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ ADBAG                                                                           |                                             |                                             | N24° 13.3' E105° 13.0'                 |                                 |                                        |
| RNAV2                                                                             | 285° /105°<br>154                           | 3 201                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ 泸西 Luxi VOR/DME(LXI)                                                            |                                             |                                             | N24° 32.5' E103° 44.6'                 |                                 |                                        |
| RNAV2                                                                             | 297° /117°<br>137                           | 3 434                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ 西山 Xishan VOR/DME(SGM)                                                          |                                             |                                             | N25° 04.9' E102° 31.2'                 |                                 |                                        |
| RNAV2                                                                             | 243° /063°<br>109                           | 3 434                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ GULOT                                                                           |                                             |                                             | N24° 37.4' E101° 33.9'                 |                                 |                                        |
| RNAV2                                                                             | 243° /063°<br>116                           | 3 906                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ MAKUL                                                                           |                                             |                                             | N24° 07.3' E100° 33.4'                 |                                 |                                        |
| RNAV2                                                                             | 243° /063°<br>134                           | 4 030                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ 耿马 Gengma VOR/DME(GMA)                                                          |                                             |                                             | N23° 31.7' E099° 24.5'                 |                                 |                                        |
| RNAV2                                                                             | 252° /072°<br>53                            | 3 577                                       | 20                                     | ↓ ↑                             | Kunming ACC                            |
| ▲ LINSO 中缅甸境点                                                                     |                                             |                                             | N23° 22.5' E098° 55.0'                 |                                 |                                        |