

## ENR 3.2 AREA NAVIGATION ROUTES

The data in this AIP subsection is provided in the form of an AIP Data Set (Primary Source).

Information on AIP Data Set availability and access rights is provided in GEN 3.1.

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing      | Upper limits<br>Lower limits                                                          | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      | Geodesic<br>DIST<br>(NM) | Airspace<br>classification                                                            | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                        | 4                                                                                     | 5                               |   | 6                                                | 7                                                                                                            |
| <b>A453</b><br>(RNAV 1)                                                                                 |                                                                      |                          |                                                                                       |                                 |   |                                                  |                                                                                                              |
| <b>▲MDSI<sup>(5)</sup></b><br>264142N 0515442E                                                          | DOH<br>008° 88.0 NM<br>0 FT                                          |                          |                                                                                       |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>226°</u><br>-<br>12.0 | <u>FL 460</u><br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲BOTOB</b><br>263350N 0514505E                                                                       | DOH<br>003° 79.0 NM<br>0 FT                                          |                          |                                                                                       |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>225°</u><br>-<br>17.0 | <u>FL 460</u><br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | (3)                                                                                                          |
| <b>▲SOLOB</b><br>262241N 0513132E                                                                       | DOH<br>354° 67.6 NM<br>0 FT                                          |                          |                                                                                       |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>260°</u><br>-<br>8.0  | <u>FL 460</u><br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | (4)                                                                                                          |
| <b>▲TOBLI<sup>(6)</sup></b><br>262134N 0512301E                                                         | DOH<br>347° 67.5 NM<br>0 FT                                          |                          |                                                                                       |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>260°</u><br>-<br>8.0  | <u>FL 460</u><br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲SOGAT</b><br>262029N 0511443E                                                                       | DOH<br>341° 68.2 NM<br>0 FT                                          |                          |                                                                                       |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                                                                           | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                                                                                   |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                                                                                 | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
|                                                                                                                                                                                                                                                                                   |                                                                      | 260°<br>-<br><br>4.0                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲RIKET<br>261952N 0510954E                                                                                                                                                                                                                                                        | DOH<br>337° 69.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                                                   |                                                                      | 260°<br>-<br><br>6.7                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲KUKDA <sup>(7)</sup><br>261855N 0510228E                                                                                                                                                                                                                                         | DOH<br>332° 70.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-                                                                                                                                                                                                                                                        |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route availability:</u><br>(1) H24                                                                                                                                                                                                                                             |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) Above FL245, refer to AIP Bahrain FIR. Partially inside Bahrain FIR<br>(4) Refer to AIP Bahrain FIR<br>(5) TEHRAN / DOHA FIR BDRY<br>(6) BAHRAIN / DOHA FIR BDRY<br>(7) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                 | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing      | Upper limits<br>Lower limits                                                   | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                         |                                                                      | Geodesic<br>DIST<br>(NM) | Airspace<br>classification                                                     | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                       | 2                                                                    | 3                        | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| <b>B415</b><br>(RNAV 1)                                                                                                                                                                                 |                                                                      |                          |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                                                                                                                          |                                                                      |                          |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                         |                                                                      | 105°<br>285°<br><br>33.6 | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲KUPSA</b><br>250445N 0521151E                                                                                                                                                                       | DOH<br>105° 33.6 NM<br>0 FT                                          |                          |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                         |                                                                      | 103°<br>-<br><br>16.5    | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |                     | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE<br>(2)            |
| <b>▲BUNDU<sup>(3)</sup></b><br>250024N 0522924E                                                                                                                                                         | DOH<br>104° 50.1 NM<br>0 FT                                          |                          |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Partially inside Bahrain FIR. Refer to AIP Bahrain FIR.<br>(3) BAHRAIN / EMIRATES FIR BDRY. |                                                                      |                          |                                                                                |                                 |                     |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                               | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                    | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                       |                                                                      |                                                     |                                                                                | ↓                               | ↑                  |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                     | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                    | 6                                                | 7                                                                                                            |
| <b>B457</b><br>(RNAV 1)                                                                                                                                                                               |                                                                      |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
| <b>▲EMISA</b><br>254658N 0514207E                                                                                                                                                                     | DOH<br>006° 32.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | 296°<br>116°<br><br>24.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲PATOM</b><br>255821N 0511836E                                                                                                                                                                     | DOH<br>337° 46.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | 295°<br>115°<br><br>18.2                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲TULUB<sup>(2)</sup></b><br>260644N 0510041E                                                                                                                                                       | DOH<br>325° 60.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | 292°<br>112°<br><br>5.7                             | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲KINID<sup>(3)</sup></b><br>260908N 0505452E                                                                                                                                                       | DOH<br>323° 65.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) For additional requirement, refer to para 3.2.2 of ENR 1.5.<br>(3) DOHA / BAHRAIN FIR BDY |                                                                      |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                              | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing      | Upper limits<br>Lower limits                                                   | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                      |                                                                      | Geodesic<br>DIST<br>(NM) | Airspace<br>classification                                                     | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                    | 2                                                                    | 3                        | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L305</b><br>(RNAV 1)                                                                                                              |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                                                       |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                      |                                                                      | <u>076°</u><br>-<br>45.6 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲ENANO</b><br>252348N 0522559E                                                                                                    | DOH<br>076° 45.6 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                      |                                                                      | <u>076°</u><br>-<br>16.1 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲ALSEM</b><br>252703N 0524322E                                                                                                    | DOH<br>076° 61.7 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                      |                                                                      | <u>076°</u><br>-<br>6.5  | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲ASTOG<sup>(2)</sup></b><br>252822N 0525025E                                                                                      | DOH<br>076° 68.2 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) DOHA / EMIRATES FIR BDRY |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                            | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                    |                                                                      |                                                     |                                                                                | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                                                  | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| <b>L564</b><br>(RNAV 1)                                                                                                            |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                                                     |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                    |                                                                      | 176°<br>356°<br><br>19.2                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲LADEM</b><br>245545N 0513714E                                                                                                  | DOH<br>176° 19.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                    |                                                                      | 190°<br>010°<br><br>5.0                             | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup>  | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲EMEXA</b><br>245052N 0513604E                                                                                                  | DOH<br>179° 24.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                    |                                                                      | 190°<br>010°<br><br>8.4                             | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup>  | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲DATRI<sup>(2)</sup></b><br>244239N 0513407E                                                                                    | DOH<br>181° 32.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) DOHA / JEDDAH FIR BDRY |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing      | Upper limits<br>Lower limits                                                   | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      | Geodesic<br>DIST<br>(NM) | Airspace<br>classification                                                     | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                        | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L602</b><br>(RNAV 1)                                                                                 |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲TUMAK<sup>(3)</sup></b><br>255031N 0531108E                                                         | DOH<br>065° 92.6 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>292°</u><br>-<br>26.0 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲VEDOM</b><br>260109N 0524456E                                                                       | DOH<br>050° 77.0 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br>13.0 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ORLUP</b><br>260651N 0523216E                                                                       | DOH<br>041° 72.1 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br>14.0 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲VELAK</b><br>261307N 0521821E                                                                       | DOH<br>030° 69.1 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br>13.0 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲LABOP</b><br>261907N 0520429E                                                                       | DOH<br>019° 68.7 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br>8.0  | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ALTOM</b><br>262230N 0515639E                                                                       | DOH<br>012° 69.7 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                            | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                    |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                  | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
|                                                                                                                                    |                                                                      | 289°<br>-<br><br>6.0                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲BOPOV<br>262430N 0515043E                                                                                                         | DOH<br>008° 70.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                    |                                                                      | 288°<br>-<br><br>9.2                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲EGNIM <sup>(4)</sup><br>262743N 0514108E                                                                                          | DOH<br>001° 72.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                                                |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route availability:<br>(1) H24                                                                                                     |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) EMIRATES / DOHA FIR BDRY<br>(4) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification         | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                 |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                               | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L681</b><br>(RNAV 1)                                                                                         |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ORLEK<sup>(2)</sup></b><br>252542N 0503712E                                                                 | DOH<br>279° 54.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                 |                                                                      | <u>109°</u><br>-<br>26.3                            | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲GINTO</b><br>251606N 0510416E                                                                               | DOH<br>270° 29.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                             |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route availability:<br>(1) Available SUN-THU 0000-0300 1900-2359 and H24 during FRI, SAT and Official Holidays. |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) JEDDAH / DOHA FIR BDRY                                                            |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| L703<br>(RNAV 1)                                                                                        |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| ▲GIRMO <sup>(2)</sup><br>262217N 0510740E                                                               | DOH<br>336° 72.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 137°<br>-<br><br>3.1                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲RIKET<br>261952N 0510954E                                                                              | DOH<br>337° 69.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 137°<br>-<br><br>20.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲HAYYA<br>260425N 0512407E                                                                              | DOH<br>345° 50.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                     |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route availability:<br>(1) H24                                                                          |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) BAHRAIN / DOHA FIR BDRY                                                   |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                             | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                     |                                                                      |                                                     |                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                   | 2                                                                    | 3                                                   | 4                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L704</b><br>(RNAV 1)                                                                                                                                             |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲KARUG<sup>(2)</sup></b><br>261036N 0514614E                                                                                                                     | DOH<br>006° 56.1 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>175°</u><br>-<br>4.6                             | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲VEDED</b><br>260558N 0514628E                                                                                                                                   | DOH<br>007° 51.6 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>142°</u><br>-<br>46.6                            | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲ORSIS</b><br>252801N 0521636E                                                                                                                                   | DOH<br>068° 38.5 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>114°</u><br>-<br>9.5                             | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲ENANO</b><br>252348N 0522559E                                                                                                                                   | DOH<br>076° 45.6 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>116°</u><br>-<br>15.8                            | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲TOSNA<sup>(3)</sup></b><br>251612N 0524116E                                                                                                                     | DOH<br>086° 58.7 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) BAHRAIN / DOHA FIR BDRY<br>(3) DOHA / EMIRATES FIR BDRY |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L721</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ELIDU<sup>(3)</sup></b><br>262424N 0525133E                                                         | DOH<br>041° 96.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>222°</u><br>-<br><br>4.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲UKNEP</b><br>262127N 0524818E                                                                       | DOH<br>041° 92.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>222°</u><br>-<br><br>10.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲UKUBU</b><br>261428N 0524039E                                                                       | DOH<br>041° 82.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>222°</u><br>-<br><br>11.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ORLUP</b><br>260651N 0523216E                                                                       | DOH<br>041° 72.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>222°</u><br>-<br><br>11.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ITMUB</b><br>255919N 0522402E                                                                       | DOH<br>041° 61.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>222°</u><br>-<br><br>5.5                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                    | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                            |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                          | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲UKRET <sup>(4)</sup><br>255526N 0521946E                                                                                                                                                                                  | DOH<br>041° 56.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | 222°<br>-<br><br>4.5                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲ALKAN<br>255214N 0521615E                                                                                                                                                                                                 | DOH<br>041° 51.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | 225°<br>-<br><br>8.3                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲SENKI<br>254637N 0520928E                                                                                                                                                                                                 | DOH<br>041° 43.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | 225°<br>-<br><br>25.3                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲BAYAN<br>252926N 0514849E                                                                                                                                                                                                 | DOH<br>035° 18.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) TEHRAN / DOHA FIR BDRY<br>(4) BAHRAIN / DOHA FIR BDRY above FL245 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L768</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ALPOB<sup>(3)</sup></b><br>254218N 0530055E                                                         | DOH<br>067° 81.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>296°</u><br>-<br><br>25.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ROTAG</b><br>255353N 0523621E                                                                       | DOH<br>052° 66.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>12.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ITMUB</b><br>255919N 0522402E                                                                       | DOH<br>041° 61.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>25.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲MODOG</b><br>261012N 0515935E                                                                       | DOH<br>018° 58.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>3.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲RAMKI</b><br>261138N 0515625E                                                                       | DOH<br>015° 59.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>8.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                          | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                  |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲RABLA<br>261506N 0514834E                                                                                                                                                                                       | DOH<br>008° 60.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                  |                                                                      | 294°<br>-<br><br>8.9                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲OBROS <sup>(4)</sup><br>261903N 0513940E                                                                                                                                                                        | DOH<br>360° 63.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) EMIRATES / DOHA FIR BDRY<br>(4) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                        |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                      | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>L934</b><br>(RNAV 1)                                                                                                                                                                                |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲PATOM</b><br>255821N 0511836E                                                                                                                                                                      | DOH<br>337° 46.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                        |                                                                      | <u>318°</u><br>-<br><br>21.0                        | FL 320<br>4500 FT<br><br>Class A -<br>FL320/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲LUBET<sup>(2)</sup></b><br>261441N 0510347E                                                                                                                                                        | DOH<br>331° 66.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                        |                                                                      | <u>317°</u><br>-<br><br>3.5                         | FL 320<br>4500 FT<br><br>Class A -<br>FL320/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲IMLAD<sup>(3)</sup></b><br>261723N 0510115E                                                                                                                                                        | DOH<br>330° 69.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) For additional requirement, refer to para 3.2.3 of ENR 1.5.<br>(3) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                                                        | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                    | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|--------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                |                                                                      |                                                     |                                                                                | ↓                               | ↑                  |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                                                              | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                    | 6                                                | 7                                                                                                            |
| <b>M430</b><br>(RNAV 1)                                                                                                                                                                                                                                        |                                                                      |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
| <b>▲TOSNA<sup>(3)</sup></b><br>251612N 0524116E                                                                                                                                                                                                                | DOH<br>086° 58.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                                |                                                                      | <u>267°</u><br>-<br>58.6                            | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |                    | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                                                                                                                                                                                 |                                                                      |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                                |                                                                      | <u>271°</u><br>091°<br><br>19.3                     | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(2)</sup>             | Odd <sup>(2)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲LAGNO</b><br>251613N 0511518E                                                                                                                                                                                                                              | DOH<br>271° 19.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                                |                                                                      | <u>267°</u><br>087°<br><br>10.0                     | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(2)</sup>             | Odd <sup>(2)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲GINTO</b><br>251606N 0510416E                                                                                                                                                                                                                              | DOH<br>270° 29.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                                |                                                                      | <u>267°</u><br>-<br>23.1                            | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(2)</sup>             |                    | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲ULIKA<sup>(4)</sup></b><br>251545N 0503849E                                                                                                                                                                                                                | DOH<br>268° 52.4 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br>(2) Available SUN-THU 0000-0300 1900-2359 and H24 during FRI, SAT and Official Holidays.<br><u>Point/Segment Remarks:</u><br>(3) EMIRATES / DOHA FIR BDRY<br>(4) DOHA / JEDDAH FIR BDRY |                                                                      |                                                     |                                                                                |                                 |                    |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                 | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| <b>M444</b><br>(RNAV 1)                                                                                                 |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                                          |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                         |                                                                      | 007°<br>187°<br><br>32.3                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲EMISA</b><br>254658N 0514207E                                                                                       | DOH<br>006° 32.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                         |                                                                      | 296°<br>116°<br><br>24.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup>  | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲PATOM</b><br>255821N 0511836E                                                                                       | DOH<br>337° 46.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                         |                                                                      | 295°<br>115°<br><br>18.2                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup>  | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲TULUB<sup>(2)</sup></b><br>260644N 0510041E                                                                         | DOH<br>325° 60.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                         |                                                                      | 292°<br>112°<br><br>5.7                             | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             | Odd <sup>(1)</sup>  | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲KINID<sup>(3)</sup></b><br>260908N 0505452E                                                                         | DOH<br>323° 65.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                                     |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| Route availability:<br>(1) H24                                                                                          |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) For additional requirement, refer to para 3.2.2 of ENR 1.5<br>(3) BAHRAIN / DOHA FIR BDRY |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                                                     | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                             |                                                                      |                                                     |                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                                                           | 2                                                                    | 3                                                   | 4                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>M556</b><br>(RNAV 1)                                                                                                                                                                                                                                     |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ORMID<sup>(3)</sup></b><br>253354N 0525434E                                                                                                                                                                                                             | DOH<br>072° 73.1 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                             |                                                                      | <u>296°</u><br>-<br>25.0                            | FL 460<br>FL 150<br><br>Class A -<br>FL460/FL150               | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲DASLO</b><br>254537N 0523029E                                                                                                                                                                                                                           | DOH<br>055° 57.5 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                             |                                                                      | <u>295°</u><br>-<br>14.0                            | FL 460<br>FL 150<br><br>Class A -<br>FL460/FL150               | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲ALKAN</b><br>255214N 0521615E                                                                                                                                                                                                                           | DOH<br>041° 51.6 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                             |                                                                      | <u>310°</u><br>-<br>15.7                            | FL 460<br>FL 150<br><br>Class A -<br>FL460/FL150               | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲IVAKO<sup>(4)</sup></b><br>260251N 0520325E                                                                                                                                                                                                             | DOH<br>024° 53.5 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                             |                                                                      | <u>310°</u><br>-<br>18.1                            | FL 460<br>FL 150<br><br>Class A -<br>FL460/FL150               | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲RABLA</b><br>261506N 0514834E                                                                                                                                                                                                                           | DOH<br>008° 60.9 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                                                             |                                                                      | <u>294°</u><br>-<br>8.9                             | FL 460<br>FL 150<br><br>Class A -<br>FL460/FL150               | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲OBROS<sup>(5)</sup></b><br>261903N 0513940E                                                                                                                                                                                                             | DOH<br>360° 63.9 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) EMIRATES / DOHA FIR BDRY<br>(4) DOHA / BAHRAIN FIR BDRY above FL245<br>(5) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>M600</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲TUMAK<sup>(3)</sup></b><br>255031N 0531108E                                                         | DOH<br>065° 92.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>292°</u><br>-<br><br>26.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲VEDOM</b><br>260109N 0524456E                                                                       | DOH<br>050° 77.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>13.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ORLUP</b><br>260651N 0523216E                                                                       | DOH<br>041° 72.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>14.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲VELAK</b><br>261307N 0521821E                                                                       | DOH<br>030° 69.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>13.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲LABOP</b><br>261907N 0520429E                                                                       | DOH<br>019° 68.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>294°</u><br>-<br><br>8.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                          | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits                                                           | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                  |                                                                      |                                                     | Airspace<br>classification                                                             | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                | 2                                                                    | 3                                                   | 4                                                                                      | 5                               |   | 6                                                | 7                                                                                                            |
| ▲AL TOM<br>262230N 0515639E                                                                                                                                                                                      | DOH<br>012° 69.7 NM<br>0 FT                                          |                                                     |                                                                                        |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                  |                                                                      | <u>289°</u><br>-<br><br>6.0                         | <u>FL 460</u><br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL 145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲BOPOV<br>262430N 0515043E                                                                                                                                                                                       | DOH<br>008° 70.5 NM<br>0 FT                                          |                                                     |                                                                                        |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                  |                                                                      | <u>288°</u><br>-<br><br>9.2                         | <u>FL 460</u><br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL 145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲EGNIM <sup>(4)</sup><br>262743N 0514108E                                                                                                                                                                        | DOH<br>001° 72.6 NM<br>0 FT                                          |                                                     |                                                                                        |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) EMIRATES / DOHA FIR BDRY<br>(4) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                                        |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>M677</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ASROK<sup>(3)</sup></b><br>264225N 0514336E                                                         | DOH<br>002° 87.4 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>106°</u><br>-<br><br>9.9                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲SOGAN</b><br>263915N 0515408E                                                                       | DOH<br>008° 85.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>107°</u><br>-<br><br>42.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲MURUB</b><br>262455N 0523751E                                                                       | DOH<br>036° 89.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>106°</u><br>-<br><br>10.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲UKNEP</b><br>262127N 0524818E                                                                       | DOH<br>041° 92.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>106°</u><br>-<br><br>30.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲DEGSO</b><br>261054N 0531946E                                                                       | DOH<br>056° 108.6 NM<br>0 FT                                         |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>112°</u><br>-<br><br>25.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                          | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                  |                                                                      |                                                     |                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                | 2                                                                    | 3                                                   | 4                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲OBNET <sup>(4)</sup><br>260032N 0534514E                                                                                                                                                                        | DOH<br>066° 124.8 NM<br>0 FT                                         |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) BAHRAIN / DOHA FIR BDRY<br>(4) DOHA / EMIRATES FIR BDRY |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                        | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                              | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>M708</b><br>(RNAV 1)                                                                                                                                                                                        |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ASROK<sup>(3)</sup></b><br>264225N 0514336E                                                                                                                                                                | DOH<br>002° 87.4 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                |                                                                      | <u>106°</u><br>-<br><br>9.9                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲SOGAN</b><br>263915N 0515408E                                                                                                                                                                              | DOH<br>008° 85.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                |                                                                      | <u>107°</u><br>-<br><br>42.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲MURUB</b><br>262455N 0523751E                                                                                                                                                                              | DOH<br>036° 89.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                |                                                                      | <u>099°</u><br>-<br><br>31.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲DASUT<sup>(4)</sup></b><br>261832N 0531108E                                                                                                                                                                | DOH<br>050° 106.3 NM<br>0 FT                                         |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) BAHRAIN / DOHA FIR BDRY<br>(4) DOHA / TEHRAN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                             | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                     |                                                                      |                                                     |                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                   | 2                                                                    | 3                                                   | 4                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>M722</b><br>(RNAV 1)                                                                                                                                             |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲IMKOM<sup>(2)</sup></b><br>261331N 0513944E                                                                                                                     | DOH<br>360° 58.4 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>138°</u><br>-<br>9.7                             | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲VEDED</b><br>260558N 0514628E                                                                                                                                   | DOH<br>007° 51.6 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>142°</u><br>-<br>46.6                            | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲ORSIS</b><br>252801N 0521636E                                                                                                                                   | DOH<br>068° 38.5 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>114°</u><br>-<br>9.5                             | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲ENANO</b><br>252348N 0522559E                                                                                                                                   | DOH<br>076° 45.6 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | <u>116°</u><br>-<br>15.8                            | FL 460<br>FL 250<br><br>Class A -<br>FL460/FL250               | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC SOUTH                                                                                               |
| <b>▲TOSNA<sup>(3)</sup></b><br>251612N 0524116E                                                                                                                     | DOH<br>086° 58.7 NM<br>0 FT                                          |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) BAHRAIN / DOHA FIR BDRY<br>(3) DOHA / EMIRATES FIR BDRY |                                                                      |                                                     |                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| N300<br>(RNAV 1)                                                                                        |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| ▲DOHA/HAMAD INTL<br>DVOR/DME (DOH)<br>251500N 0513635E                                                  |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 095°<br>-<br><br>53.6                               | FL 275<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲KUPRO <sup>(2)</sup><br>250805N 0523513E                                                               | DOH<br>095° 53.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                     |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route availability:<br>(1) H24                                                                          |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) DOHA / EMIRATES FIR BDRY                                                  |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing      | Upper limits<br>Lower limits                                                   | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      | Geodesic<br>DIST<br>(NM) | Airspace<br>classification                                                     | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                        | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>N318</b><br>(RNAV 1)                                                                                 |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲GEXIM<sup>(2)</sup></b><br>261622N 0510026E                                                         | DOH<br>329° 69.3 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>116°</u><br>-<br>3.4  | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲LUBET</b><br>261441N 0510347E                                                                       | DOH<br>331° 66.5 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>116°</u><br>-<br>21.0 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲HAYYA</b><br>260425N 0512407E                                                                       | DOH<br>345° 50.5 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>117°</u><br>-<br>20.3 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VELAM</b><br>255426N 0514347E                                                                       | DOH<br>007° 39.9 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>116°</u><br>-<br>8.7  | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VUTAN</b><br>255016N 0515218E                                                                       | DOH<br>019° 37.9 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>113°</u><br>-<br>31.0 | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲RESAR</b><br>253707N 0522328E                                                                       | DOH<br>060° 47.8 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
|                                                                                                         |                                                                      | 117°<br>-<br><br>20.6                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲ALSEM<br>252703N 0524322E                                                                              | DOH<br>076° 61.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 119°<br>-<br><br>4.5                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲OVONA <sup>(3)</sup><br>252443N 0524739E                                                               | DOH<br>079° 65.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                     |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route availability:<br>(1) H24                                                                          |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) BAHRAIN / DOHA FIR BDRY<br>(3) DOHA / EMIRATES FIR BDRY                   |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                        | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                              | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>N572</b><br>(RNAV 1)                                                                                                                                                                                        |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ASROK<sup>(3)</sup></b><br>264225N 0514336E                                                                                                                                                                | DOH<br>002° 87.4 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                |                                                                      | <u>106°</u><br>-<br>9.9                             | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲SOGAN</b><br>263915N 0515408E                                                                                                                                                                              | DOH<br>008° 85.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                |                                                                      | <u>107°</u><br>-<br>42.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲MURUB</b><br>262455N 0523751E                                                                                                                                                                              | DOH<br>036° 89.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                |                                                                      | <u>099°</u><br>-<br>31.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲DASUT<sup>(4)</sup></b><br>261832N 0531108E                                                                                                                                                                | DOH<br>050° 106.3 NM<br>0 FT                                         |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) BAHRAIN / DOHA FIR BDRY<br>(4) DOHA / TEHRAN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>N685</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲KINID<sup>(2)</sup></b><br>260908N 0505452E                                                         | DOH<br>323° 65.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>112°</u><br>-<br><br>5.7                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲TULUB</b><br>260644N 0510041E                                                                       | DOH<br>325° 60.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>115°</u><br>-<br><br>18.2                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲PATOM</b><br>255821N 0511836E                                                                       | DOH<br>337° 46.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>116°</u><br>-<br><br>24.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲EMISA</b><br>254658N 0514207E                                                                       | DOH<br>006° 32.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>117°</u><br>-<br><br>9.5                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲KAPAX</b><br>254218N 0515118E                                                                       | DOH<br>023° 30.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>120°</u><br>-<br><br>26.9                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                             | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                  | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                     |                                                                      |                                                     |                                                                                 | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                   | 2                                                                    | 3                                                   | 4                                                                               | 5                               |   | 6                                                | 7                                                                                                            |
| ▲ <b>ORSIS</b><br>252801N 0521636E                                                                                                                                  | DOH<br>068° 38.5 NM<br>0 FT                                          |                                                     |                                                                                 |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | 114°<br>-<br><br>9.5                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL 145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲ <b>ENANO</b><br>252348N 0522559E                                                                                                                                  | DOH<br>076° 45.6 NM<br>0 FT                                          |                                                     |                                                                                 |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | 116°<br>-<br><br>15.8                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL 145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲ <b>TOSNA</b> <sup>(3)</sup><br>251612N 0524116E                                                                                                                   | DOH<br>086° 58.7 NM<br>0 FT                                          |                                                     |                                                                                 |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) BAHRAIN / DOHA FIR BDRY<br>(3) DOHA / EMIRATES FIR BDRY |                                                                      |                                                     |                                                                                 |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| <b>P430</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                          |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 035°<br>215°<br><br>18.2                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲BAYAN</b><br>252926N 0514849E                                                                       | DOH<br>035° 18.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 008°<br>-<br><br>13.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |                     | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲KAPAX</b><br>254218N 0515118E                                                                       | DOH<br>023° 30.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 004°<br>-<br><br>8.0                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |                     | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VUTAN</b><br>255016N 0515218E                                                                       | DOH<br>019° 37.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 010°<br>-<br><br>4.1                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |                     | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲ALVEN</b><br>255418N 0515315E                                                                       | DOH<br>018° 42.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 010°<br>-<br><br>7.9                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |                     | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification               | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits                                                   | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                       |                                                                      |                                                     | Airspace<br>classification                                                     | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                     | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲BONAN<br>260201N 0515505E                                                                                            | DOH<br>017° 49.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                       |                                                                      | 005°<br>-<br><br>4.4                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲LOXIM <sup>(3)</sup><br>260621N 0515541E                                                                             | DOH<br>016° 54.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                       |                                                                      | 005°<br>-<br><br>5.3                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲RAMKI<br>261138N 0515625E                                                                                            | DOH<br>015° 59.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                       |                                                                      | 359°<br>-<br><br>11.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲ALTOM<br>262230N 0515639E                                                                                            | DOH<br>012° 69.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-                                                                                            |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route availability:</u><br>(1) H24                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) DOHA / BAHRAIN FIR BDRY above FL245 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>P550</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ALVEN</b><br>255418N 0515315E                                                                       | DOH<br>018° 42.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>010°</u><br>-<br><br>7.9                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲BONAN</b><br>260201N 0515505E                                                                       | DOH<br>017° 49.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>024°</u><br>-<br><br>4.1                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲SIMBU<sup>(3)</sup></b><br>260542N 0515707E                                                         | DOH<br>017° 53.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>024°</u><br>-<br><br>5.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲MODOG</b><br>261012N 0515935E                                                                       | DOH<br>018° 58.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>024°</u><br>-<br><br>10.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲LABOP</b><br>261907N 0520429E                                                                       | DOH<br>019° 68.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>025°</u><br>-<br><br>8.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                    | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                            |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                          | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲KUMLA<br>262609N 0520822E                                                                                                                                                                                                 | DOH<br>019° 76.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | 024°<br>-<br><br>11.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲RAGAS <sup>(4)</sup><br>263537N 0521337E                                                                                                                                                                                  | DOH<br>020° 87.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) DOHA / BAHRAIN FIR BDRY above FL245<br>(4) DOHA / TEHRAN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>P559</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲BORUK<sup>(3)</sup></b><br>263444N 0514218E                                                         | DOH<br>001° 79.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>108°</u><br>-<br><br>2.6                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲BOTOB</b><br>263350N 0514505E                                                                       | DOH<br>003° 79.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>108°</u><br>-<br><br>7.0                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ROSAN</b><br>263129N 0515220E                                                                       | DOH<br>008° 77.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>108°</u><br>-<br><br>15.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲KUMLA</b><br>262609N 0520822E                                                                       | DOH<br>019° 76.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>108°</u><br>-<br><br>14.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲ASPAK</b><br>262115N 0522257E                                                                       | DOH<br>030° 78.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>110°</u><br>-<br><br>17.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                          | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                  |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲UKUBU<br>261428N 0524039E                                                                                                                                                                                       | DOH<br>041° 82.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                  |                                                                      | 110°<br>-<br><br>21.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲TOMSO<br>260611N 0530214E                                                                                                                                                                                       | DOH<br>054° 92.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                  |                                                                      | 110°<br>-<br><br>27.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲NALPO <sup>(4)</sup><br>255602N 0532945E                                                                                                                                                                        | DOH<br>065° 110.2 NM<br>0 FT                                         |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) BAHRAIN / DOHA FIR BDRY<br>(4) DOHA / EMIRATES FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                                        |                                                                      |                                                     |                                                                                | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                      | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| P693<br>(RNAV 1)                                                                                                                                                                                                       |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| ▲DEMTA <sup>(3)</sup><br>241926N 0513533E                                                                                                                                                                              | DOH<br>178° 55.4 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                                        |                                                                      | 048°<br>228°<br><br>63.8                            | FL 460<br>FL 195<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL 145/4500FT | Odd <sup>(1)</sup>              | Even <sup>(1)</sup> | 1                                                | DOHA APP<br>(2)                                                                                              |
| ▲BUNDU <sup>(4)</sup><br>250024N 0522924E                                                                                                                                                                              | DOH<br>104° 50.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                                                                                                                                    |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| Route availability:<br>(1) CLSD (Route activated by NOTAM)<br>Point/Segment Remarks:<br>(2) Partially inside Bahrain FIR<br>(3) JEDDAH / BAHRAIN FIR BDRY<br>(4) BAHRAIN / EMIRATES FIR BDRY. Refer to AIP Bahrain FIR |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>P699</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲ORMID<sup>(2)</sup></b><br>253354N 0525434E                                                         | DOH<br>072° 73.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>296°</u><br>-<br>25.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲DASLO</b><br>254537N 0523029E                                                                       | DOH<br>055° 57.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>295°</u><br>-<br>14.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲ALKAN</b><br>255214N 0521615E                                                                       | DOH<br>041° 51.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>295°</u><br>-<br>21.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲BONAN</b><br>260201N 0515505E                                                                       | DOH<br>017° 49.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>295°</u><br>-<br>9.0                             | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲VEDED</b><br>260558N 0514628E                                                                       | DOH<br>007° 51.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>295°</u><br>-<br>23.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲KUNDO</b><br>261631N 0512325E                                                                       | DOH<br>346° 62.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing      | Upper limits<br>Lower limits                                                   | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      | Geodesic<br>DIST<br>(NM) | Airspace<br>classification                                                     | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                        | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
|                                                                                                         |                                                                      | 295°<br>-<br><br>9.0     | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲SOGAT<br>262029N 0511443E                                                                              | DOH<br>341° 68.2 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 260°<br>-<br><br>4.0     | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲RIKET<br>261952N 0510954E                                                                              | DOH<br>337° 69.0 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 260°<br>-<br><br>6.7     | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| ▲KUKDA <sup>(3)</sup><br>261855N 0510228E                                                               | DOH<br>332° 70.8 NM<br>0 FT                                          |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-                                                                              |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route availability:</u><br>(1) H24                                                                   |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Point/Segment Remarks:</u><br>(2) EMIRATES / DOHA FIR BDRY<br>(3) DOHA / BAHRAIN FIR BDRY            |                                                                      |                          |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| P700<br>(RNAV 1)                                                                                        |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| ▲TULUB<br>260644N 0510041E                                                                              | DOH<br>325° 60.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 292°<br>- -<br><br>5.7                              | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲KINID <sup>(2)</sup><br>260908N 0505452E                                                               | DOH<br>323° 65.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-                                                                                     |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route availability:<br>(1) H24                                                                          |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Point/Segment Remarks:<br>(2) DOHA / BAHRAIN FIR BDRY                                                   |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>P708</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲GESIT<sup>(2)</sup></b><br>262309N 0511036E                                                         | DOH<br>338° 71.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>144°</u><br>-<br><br>22.3                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲HAYYA</b><br>260425N 0512407E                                                                       | DOH<br>345° 50.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>117°</u><br>-<br><br>20.3                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VELAM</b><br>255426N 0514347E                                                                       | DOH<br>007° 39.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>116°</u><br>-<br><br>8.7                         | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VUTAN</b><br>255016N 0515218E                                                                       | DOH<br>019° 37.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>113°</u><br>-<br><br>31.0                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲RESAR</b><br>253707N 0522328E                                                                       | DOH<br>060° 47.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | <u>117°</u><br>-<br><br>20.6                        | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                             | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                     |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                   | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| ▲ALSEM<br>252703N 0524322E                                                                                                                                          | DOH<br>076° 61.7 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                     |                                                                      | 119°<br>-<br><br>4.5                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲OVONA <sup>(3)</sup><br>252443N 0524739E                                                                                                                           | DOH<br>079° 65.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) BAHRAIN / DOHA FIR BDRY<br>(3) DOHA / EMIRATES FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification        | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                              | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| P713<br>(RNAV 1)                                                                                               |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| ▲PATOM<br>255821N 0511836E                                                                                     | DOH<br>337° 46.2 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                |                                                                      | 318°<br>-<br><br>21.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲LUBET<br>261441N 0510347E                                                                                     | DOH<br>331° 66.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                |                                                                      | 317°<br>-<br><br>3.5                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲IMLAD <sup>(2)</sup><br>261723N 0510115E                                                                      | DOH<br>330° 69.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>-<br>Route availability:<br>(1) H24<br>Point/Segment Remarks:<br>(2) DOHA / BAHRAIN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                                                                                                                        |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                      | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>P899</b><br>(RNAV 1)                                                                                                                                                                                |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲TOVOX<sup>(3)</sup></b><br>245342N 0522429E                                                                                                                                                        | DOH<br>113° 48.4 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                        |                                                                      | <u>311°</u><br>-<br>15.9                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE<br><sup>(2)</sup> |
| <b>▲KUPSA</b><br>250445N 0521151E                                                                                                                                                                      | DOH<br>105° 33.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Partially inside Bahrain FIR. Refer to AIP Bahrain FIR<br>(3) EMIRATES / BAHRAIN FIR BDRY. |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
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|                                                                                                         |                                                                      |                                                     |                                                                                | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                       | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| <b>R659</b><br>(RNAV 1)                                                                                 |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                          |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | 007°<br>187°<br><br>32.3                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲EMISA</b><br>254658N 0514207E                                                                       | DOH<br>006° 32.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | -<br>189°<br><br>7.6                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VELAM</b><br>255426N 0514347E                                                                       | DOH<br>007° 39.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | -<br>190°<br><br>11.7                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VEDED</b><br>260558N 0514628E                                                                       | DOH<br>007° 51.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | -<br>190°<br><br>4.2                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲ITUMA<sup>(3)</sup></b><br>261005N 0514725E                                                         | DOH<br>007° 55.8 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                         |                                                                      | -<br>190°<br><br>5.1                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA ACC NORTH<br><sup>(2)</sup>                                                                             |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                               | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |                     | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                       |                                                                      |                                                     |                                                                                | ↓                               | ↑                   |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                     | 2                                                                    | 3                                                   | 4                                                                              | 5                               |                     | 6                                                | 7                                                                                                            |
| ▲RABLA<br>261506N 0514834E                                                                                                                                                                            | DOH<br>008° 60.9 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | -<br>190°<br><br>10.0                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲BOPOV<br>262430N 0515043E                                                                                                                                                                            | DOH<br>008° 70.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | -<br>190°<br><br>7.0                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲ROSAN<br>263129N 0515220E                                                                                                                                                                            | DOH<br>008° 77.6 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | -<br>190°<br><br>8.0                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲SOGAN<br>263915N 0515408E                                                                                                                                                                            | DOH<br>008° 85.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
|                                                                                                                                                                                                       |                                                                      | -<br>190°<br><br>2.0                                | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT |                                 | Even <sup>(1)</sup> | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| ▲MIDSI <sup>(4)</sup><br>264142N 0515442E                                                                                                                                                             | DOH<br>008° 88.0 NM<br>0 FT                                          |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |
| Route remarks:<br>-<br>Route availability:<br>(1) H24<br>Point/Segment Remarks:<br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) BAHRAIN / DOHA FIR BDRY above FL245<br>(4) TEHRAN / DOHA FIR BDRY |                                                                      |                                                     |                                                                                |                                 |                     |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                  | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                          |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                        | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| T665<br>(RNAV 1)                                                                                                                                                                                         |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| ▲OVONA <sup>(2)</sup><br>252443N 0524739E                                                                                                                                                                | DOH<br>079° 65.1 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                          |                                                                      | 259°<br>-<br><br>65.1                               | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Even <sup>(1)</sup>             |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| ▲DOHA/HAMAD INTL<br>DVOR/DME (DOH)<br>251500N 0513635E                                                                                                                                                   |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| Route remarks:<br>Route is not available for flight planning and operational use<br>Route availability:<br>(1) CLSD (Route activated by NOTAM)<br>Point/Segment Remarks:<br>(2) EMIRATES / DOHA FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

| Route designator<br>(RNP/RNAV)<br>Name of significant<br>points<br>Coordinates<br>RCP/RSP specification                                                                                                                    | Waypoint<br>IDENT of<br>VOR/DME<br>BRG & DIST<br>ELEV DME<br>Antenna | Magnetic<br>bearing<br><br>Geodesic<br>DIST<br>(NM) | Upper limits<br>Lower limits<br><br>Airspace<br>classification                 | Direction of<br>cruising levels |   | Navigation<br>accuracy<br>requirement<br>(+/-NM) | Remarks<br>Controlling unit channel<br>Logon address<br>SATVOICE number<br>RCP/RSP specification limitations |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                            |                                                                      |                                                     |                                                                                | ↓                               | ↑ |                                                  |                                                                                                              |
| 1                                                                                                                                                                                                                          | 2                                                                    | 3                                                   | 4                                                                              | 5                               |   | 6                                                | 7                                                                                                            |
| <b>T800</b><br>(RNAV 1)                                                                                                                                                                                                    |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <b>▲DOHA/HAMAD INTL<br/>DVOR/DME (DOH)</b><br>251500N 0513635E                                                                                                                                                             |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | <u>055°</u><br>-<br>48.2                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA APP - FL245 (EXCLUDED)<br>AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE                   |
| <b>▲VAXIN</b><br>254043N 0522148E                                                                                                                                                                                          | DOH<br>055° 48.3 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | <u>047°</u><br>-<br>13.3                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH - FL245<br>(EXCLUDED) AND BELOW<br>DOHA ACC SOUTH - FL245<br>(INCLUDED) AND ABOVE             |
| <b>▲OVESU<sup>(3)</sup></b><br>254923N 0523301E                                                                                                                                                                            | DOH<br>053° 61.5 NM<br>0 FT                                          |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
|                                                                                                                                                                                                                            |                                                                      | <u>047°</u><br>-<br>45.0                            | FL 460<br>4500 FT<br><br>Class A -<br>FL460/FL150<br>Class C -<br>FL145/4500FT | Odd <sup>(1)</sup>              |   | 1                                                | DOHA ACC NORTH<br>(2)                                                                                        |
| <b>▲DASUT<sup>(4)</sup></b><br>261832N 0531108E                                                                                                                                                                            | DOH<br>050° 106.3 NM<br>0 FT                                         |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |
| <u>Route remarks:</u><br>-<br><u>Route availability:</u><br>(1) H24<br><u>Point/Segment Remarks:</u><br>(2) Above FL245, refer to AIP Bahrain FIR<br>(3) DOHA / BAHRAIN FIR BDRY above FL245<br>(4) DOHA / TEHRAN FIR BDRY |                                                                      |                                                     |                                                                                |                                 |   |                                                  |                                                                                                              |

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