

**ENR 3.3 OTHER ROUTES****1. Low Flight Network (LFN) ATS Routes**

The operation on this network is subject to specific state authorization and access procedures by the national provider (see [ENR 1.1 - 4.8](#)).

The following tables describe the Low Flight Network for rotary wing aircraft that comply with the required navigational performance of **RNP 0.3**.

For speed restrictions refer to [ENR 6.4 - 1](#).

This network consists of low-level routes (KYxyz) and associated routes (KQxyz) to and from various landing sites and regions. Table of cruising levels ([ENR 1.7 - 5.3](#)) is not applicable to LFN.

**2. Index of ENR 3.3 Route Tables - Low Flight Network (LFN) ATS Routes**

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### 3. Low Flight Network (LFN) ATS Routes

| Route Designator                    |       | Route Remarks (Optional)                   |                           |                                                  |                            |                                 |   |                                                                                                                                                          |  |
|-------------------------------------|-------|--------------------------------------------|---------------------------|--------------------------------------------------|----------------------------|---------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Name of significant points          |       | Significant point geographical coordinates |                           |                                                  |                            |                                 |   | Significant Point Remarks                                                                                                                                |  |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br>(COP) | Upper and<br>Lower limits<br><br>MEA             | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |  |
|                                     |       | ↓<br>—<br>↑                                |                           |                                                  |                            | ↓                               | ↑ |                                                                                                                                                          |  |
| KQ811                               |       |                                            |                           |                                                  |                            |                                 |   |                                                                                                                                                          |  |
| △                                   | LS103 | 46 43 11.2 N 006 57 39.1 E                 |                           |                                                  |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 274°                                       | 9.2                       | FL 195<br><u>5500 ft</u><br><i>MEA = 6000 ft</i> |                            |                                 |   | ACC Geneva {C, E}<br>TWR/APP Payerne {D}                                                                                                                 |  |
| △                                   | ETEKI | 46 44 10.8 N 006 44 21.4 E                 |                           |                                                  |                            |                                 |   |                                                                                                                                                          |  |

| Route Designator                    |       | Route Remarks (Optional)                   |                               |                                        |                            |                                 |  |                                                                                                                                                          |  |  |
|-------------------------------------|-------|--------------------------------------------|-------------------------------|----------------------------------------|----------------------------|---------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Name of significant points          |       | Significant point geographical coordinates |                               |                                        |                            |                                 |  | Significant Point Remarks                                                                                                                                |  |  |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br><br>(COP) | Upper and<br>Lower limits<br><br>MEA   | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |  | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |  |  |
|                                     |       | ↓<br>—<br>↑                                |                               | ↓                                      |                            | ↑                               |  |                                                                                                                                                          |  |  |
| KQ821                               |       |                                            |                               |                                        |                            |                                 |  |                                                                                                                                                          |  |  |
| △                                   | ME103 | 47 07 27.9 N 008 07 05.1 E                 |                               |                                        |                            |                                 |  |                                                                                                                                                          |  |  |
|                                     |       | 064°                                       | 15.2                          | FL 195<br>4500 ft<br><br>MEA = 5000 ft | MOCA = 3675 ft             |                                 |  | ACC Zurich {C, E}<br>TWR/APP Emmen {D}                                                                                                                   |  |  |
| △                                   | RONIX | 47 13 34.5 N 008 27 25.2 E                 |                               |                                        |                            |                                 |  |                                                                                                                                                          |  |  |

| Route Designator                    |              | Route Remarks (Optional)                   |                                      |                                        |                                 |   |                                                                                                                                                          |                           |  |
|-------------------------------------|--------------|--------------------------------------------|--------------------------------------|----------------------------------------|---------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--|
| Name of significant points          |              | Significant point geographical coordinates |                                      |                                        |                                 |   |                                                                                                                                                          | Significant Point Remarks |  |
| Route Segment RCP/RSP specification | Track<br>MAG | Geodesic<br>Dist<br><br>(COP)              | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA             | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |                           |  |
|                                     | ↓<br>—<br>↑  |                                            |                                      |                                        | ↓                               | ↑ |                                                                                                                                                          |                           |  |
| KQ831                               |              |                                            |                                      |                                        |                                 |   |                                                                                                                                                          |                           |  |
| △                                   | DEGES        | 47 24 45 N 009 12 07 E                     |                                      |                                        |                                 |   |                                                                                                                                                          |                           |  |
|                                     |              | 234°<br>↺                                  | 9.9                                  | FL 195<br>5500 ft<br><br>MEA = 6000 ft |                                 |   | ACC Zurich {C, E}<br>TWR/APP Dubendorf, {D}                                                                                                              |                           |  |
| △                                   | MD503        | 47 19 16.1 N 009 00 03.8 E                 |                                      |                                        |                                 |   |                                                                                                                                                          |                           |  |

| Route Designator                    |              | Route Remarks (Optional)                   |                           |                                        |                                 |   |                                                                                                                                                          |
|-------------------------------------|--------------|--------------------------------------------|---------------------------|----------------------------------------|---------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of significant points          |              | Significant point geographical coordinates |                           |                                        |                                 |   | Significant Point Remarks                                                                                                                                |
| Route Segment RCP/RSP specification | Track<br>MAG | Geodesic<br>Dist<br><br>(COP)              | Upper and<br>Lower limits | Lateral limits<br><br>MOCA             | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |
|                                     | ↓<br>—<br>↑  |                                            | MEA                       |                                        | ↓                               | ↑ |                                                                                                                                                          |
| KQ832                               |              |                                            |                           |                                        |                                 |   |                                                                                                                                                          |
| △                                   | LS111        | 47 12 41.6 N 008 57 01.1 E                 |                           |                                        |                                 |   |                                                                                                                                                          |
|                                     |              | 015°<br>↺                                  | 1.9                       | FL 195<br>4500 ft<br><br>MEA = 5000 ft |                                 |   | ACC Zurich {C, E}<br>TWR/APP Dubendorf {D}                                                                                                               |
| △                                   | MD505        | 47 14 30.6 N 008 57 49.1 E                 |                           |                                        |                                 |   |                                                                                                                                                          |

| Route Designator                    |              | Route Remarks (Optional)                   |                                      |                                        |                                 |   |                                                                                                                                                          |                                               |
|-------------------------------------|--------------|--------------------------------------------|--------------------------------------|----------------------------------------|---------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Name of significant points          |              | Significant point geographical coordinates |                                      |                                        |                                 |   |                                                                                                                                                          | Significant Point Remarks                     |
| Route Segment RCP/RSP specification | Track<br>MAG | Geodesic<br>Dist<br><br>(COP)              | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA             | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |                                               |
|                                     | ↓<br>—<br>↑  |                                            |                                      |                                        | ↓                               | ↑ |                                                                                                                                                          |                                               |
| KQ833                               |              |                                            |                                      |                                        |                                 |   |                                                                                                                                                          |                                               |
| △                                   | LS110        | 47 12 26.8 N 008 47 38.1 E                 |                                      |                                        |                                 |   |                                                                                                                                                          |                                               |
|                                     |              | 308°<br>↺                                  | 0.9                                  | FL 195<br>4500 ft<br><br>MEA = 5000 ft |                                 |   |                                                                                                                                                          | ACC Zurich {C, E}<br>TWR/APP Dubendorf<br>{D} |
| △                                   | MD516        | 47 13 02.2 N 008 46 37.2 E                 |                                      |                                        |                                 |   |                                                                                                                                                          |                                               |

| Route Designator                    |       | Route Remarks (Optional)                   |                           |                                      |                            |                                 |   |                                                                                                                                                          |  |
|-------------------------------------|-------|--------------------------------------------|---------------------------|--------------------------------------|----------------------------|---------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Name of significant points          |       | Significant point geographical coordinates |                           |                                      |                            |                                 |   | Significant Point Remarks                                                                                                                                |  |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br>(COP) | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |  |
|                                     |       | ↓<br>—<br>↑                                |                           |                                      |                            | ↓                               | ↑ |                                                                                                                                                          |  |
| KQ834                               |       |                                            |                           |                                      |                            |                                 |   |                                                                                                                                                          |  |
| △                                   | VIBAX | 47 20 50.0 N 008 52 55.9 E                 |                           |                                      |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 106°<br>↺                                  | 5.1                       | FL 195<br>5500 ft<br>MEA = 6000 ft   |                            |                                 |   | ACC Zurich {C, E}<br>TWR/APP Dubendorf {D}                                                                                                               |  |
| △                                   | MD503 | 47 19 16.1 N 009 00 03.8 E                 |                           |                                      |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 086°<br>↺                                  | 6.1                       | FL 195<br>5500 ft<br>MEA = 6000 ft   |                            |                                 |   | ACC Zurich {C, E}<br>TWR/APP Dubendorf {D}                                                                                                               |  |
| △                                   | LS112 | 47 19 25.5 N 009 09 02.0 E                 |                           |                                      |                            |                                 |   |                                                                                                                                                          |  |

| Route Designator                    |             | Route Remarks (Optional)                   |                            |                                                  |                              |   |                                                                                                                                           |
|-------------------------------------|-------------|--------------------------------------------|----------------------------|--------------------------------------------------|------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------|
| Name of significant points          |             | Significant point geographical coordinates |                            |                                                  |                              |   | Significant Point Remarks                                                                                                                 |
| Route Segment RCP/RSP specification | Track MAG   | Geodesic Dist (COP)                        | Upper and Lower limits MEA | Lateral limits MOCA                              | Direction of cruising levels |   | Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification} |
|                                     | ↓<br>—<br>↑ |                                            |                            |                                                  | ↓                            | ↑ |                                                                                                                                           |
| KQ861                               |             |                                            |                            |                                                  |                              |   |                                                                                                                                           |
| △                                   | LS105       | 46 55 44.0 N 007 28 44.9 E                 |                            |                                                  |                              |   |                                                                                                                                           |
|                                     |             | 253°                                       | 5.0                        | FL 195<br><u>5500 ft</u><br><i>MEA = 6000 ft</i> |                              |   | ACC Zurich {C, E}<br>TWR/APP Berne {D}                                                                                                    |
| △                                   | LS561       | 46 54 28.4 N 007 21 41.4 E                 |                            |                                                  |                              |   |                                                                                                                                           |
|                                     |             | 253°                                       | 4.1                        | FL 195<br><u>4500 ft</u><br><i>MEA = 5000 ft</i> |                              |   | ACC Zurich {C, E}<br>TWR/APP Berne {D}                                                                                                    |
| △                                   | ASBER       | 46 53 25.9 N 007 15 52.8 E                 |                            |                                                  |                              |   |                                                                                                                                           |

| Route Designator                    |                            | Route Remarks (Optional)                   |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|-------------------------------------|----------------------------|--------------------------------------------|-------------------------------|--------------------------------------|----------------------------|---------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of significant points          |                            | Significant point geographical coordinates |                               |                                      |                            |                                 |      | Significant Point Remarks                                                                                                                                |
| Route Segment RCP/RSP specification |                            | Track<br>MAG                               | Geodesic<br>Dist<br><br>(COP) | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |      | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |
|                                     |                            | ↓<br>↑                                     |                               |                                      |                            | ↓                               | ↑    |                                                                                                                                                          |
| KQ862                               |                            |                                            |                               |                                      |                            |                                 |      |                                                                                                                                                          |
| △                                   | FRIBOURG VOR/<br>DME (FRI) | 46 46 39.3 N 007 13 24.6 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |                            | 011°<br>191°                               | 4.0                           | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 4141 ft             | Even                            | Even | ACC Geneva<br>{C, E}                                                                                                                                     |
| △                                   | LS562                      | 46 50 32.0 N 007 14 49.4 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |                            | 011°<br>191°                               | 3.0                           | FL 195<br>4500 ft<br>MEA = 5000 ft   | MOCA = 3908 ft             | Odd                             | Odd  | ACC Geneva {C, E}<br>TWR/APP Berne {D}                                                                                                                   |
| △                                   | ASBER                      | 46 53 25.9 N 007 15 52.8 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |                            | 040°<br>220°                               | 3.7                           | FL 195<br>4500 ft<br>MEA = 5000 ft   | MOCA = 3908 ft             | Odd                             | Odd  | ACC Geneva {C, E}<br>TWR/APP Berne {D}                                                                                                                   |
| △                                   | AMRID                      | 46 56 05.4 N 007 19 32.8 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |                            | 021°<br>201°                               | 5.1                           | FL 195<br>4500 ft<br>MEA = 5000 ft   | MOCA = 4075 ft             | Odd                             | Odd  | ACC Geneva {C, E}<br>TWR/APP Berne {D}                                                                                                                   |
| △                                   | BIRKI                      | 47 00 46.6 N 007 22 34.8 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |                            | 062°<br>242°                               | 10.5                          | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 4075 ft             | Even                            | Even | ACC Geneva {C, E}<br>TWR/APP Berne {D}                                                                                                                   |
| △                                   | MEBOX                      | 47 05 10.4 N 007 36 33.5 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |                            | 071°<br>251°                               | 8.9                           | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 4387 ft             | Even                            | Even | ACC Geneva {C, E}<br>TWR/APP Berne {D}                                                                                                                   |
| △                                   | UMTOP                      | 47 07 38.9 N 007 49 06.2 E                 |                               |                                      |                            |                                 |      |                                                                                                                                                          |

| Route Designator                    |           | Route Remarks (Optional)                   |                            |                                    |                              |      |                                                                                                                                                    |                           |
|-------------------------------------|-----------|--------------------------------------------|----------------------------|------------------------------------|------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Name of significant points          |           | Significant point geographical coordinates |                            |                                    |                              |      |                                                                                                                                                    | Significant Point Remarks |
| Route Segment RCP/RSP specification | Track MAG | Geodesic Dist (COP)                        | Upper and Lower limits MEA | Lateral limits MOCA                | Direction of cruising levels |      | Remarks<br>Controlling unit, operating channel, and logon address<br>Navigation, RCP/RSP specification(s) limitations<br>{Airspace Classification} |                           |
|                                     | ↓<br>↑    |                                            |                            |                                    | ↓                            | ↑    |                                                                                                                                                    |                           |
| KQ864                               |           |                                            |                            |                                    |                              |      |                                                                                                                                                    |                           |
| △                                   | ASBER     | 46 53 25.9 N 007 15 52.8 E                 |                            |                                    |                              |      |                                                                                                                                                    |                           |
|                                     |           | 136°<br>316°                               | 4.0                        | FL 195<br>4500 ft<br>MEA = 5000 ft | MOCA = 3908 ft               | Odd  | Odd                                                                                                                                                | APP Bern<br>{C, E}        |
| △                                   | LS104     | 46 50 23.4 N 007 19 42.2 E                 |                            |                                    |                              |      |                                                                                                                                                    |                           |
|                                     |           | 136°<br>316°                               | 2.7                        | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 4266 ft               | Even | Even                                                                                                                                               | APP Bern<br>{C, E}        |
| △                                   | LS164     | 46 48 22.3 N 007 22 14.2 E                 |                            |                                    |                              |      |                                                                                                                                                    |                           |
|                                     |           | 111°<br>291°                               | 1.2                        | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 4920 ft               | Even | Even                                                                                                                                               | APP Bern<br>{C, E}        |
| △                                   | TUNNO     | 46 47 53.4 N 007 23 48.8 E                 |                            |                                    |                              |      |                                                                                                                                                    |                           |

| Route Designator                    |       | Route Remarks (Optional)                   |                               |                                        |                            |                                 |   |                                                                                                                                                          |  |  |
|-------------------------------------|-------|--------------------------------------------|-------------------------------|----------------------------------------|----------------------------|---------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Name of significant points          |       | Significant point geographical coordinates |                               |                                        |                            |                                 |   | Significant Point Remarks                                                                                                                                |  |  |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br><br>(COP) | Upper and<br>Lower limits              | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |  |  |
|                                     |       | ↓<br>—<br>↑                                |                               | MEA                                    |                            | ↓                               | ↑ |                                                                                                                                                          |  |  |
| KQ868                               |       |                                            |                               |                                        |                            |                                 |   |                                                                                                                                                          |  |  |
| △                                   | RAMOK | 47 01 20.2 N 007 41 03.0 E                 |                               |                                        |                            |                                 |   |                                                                                                                                                          |  |  |
|                                     |       | 039°                                       | 8.4                           | FL 195<br>5500 ft<br><br>MEA = 6000 ft |                            |                                 |   | ACC Zurich {C, E}<br>TWR/APP Berne {D}                                                                                                                   |  |  |
| △                                   | UMTOP | 47 07 38.9 N 007 49 06.2 E                 |                               |                                        |                            |                                 |   |                                                                                                                                                          |  |  |

| Route Designator                    |                        | Route Remarks (Optional)                   |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|-------------------------------------|------------------------|--------------------------------------------|----------------------------|------------------------------------|------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Name of significant points          |                        | Significant point geographical coordinates |                            |                                    |                              |      |                                                                                                                                                    | Significant Point Remarks                         |
| Route Segment RCP/RSP specification | Track MAG              | Geodesic Dist (COP)                        | Upper and Lower limits MEA | Lateral limits MOCA                | Direction of cruising levels |      | Remarks<br>Controlling unit, operating channel, and logon address<br>Navigation, RCP/RSP specification(s) limitations<br>{Airspace Classification} |                                                   |
|                                     | ↓<br>↑                 |                                            |                            |                                    | ↓<br>↑                       |      |                                                                                                                                                    |                                                   |
| KY251                               |                        |                                            |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
| △                                   | Gland NDB (GLA)        | 46 24 31.3 N 006 14 39.3 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 044°                                       | 4.7                        | FL 195<br>3500 ft<br>MEA = 4000 ft | MOCA = 3159 ft               | Even |                                                                                                                                                    | ACC Geneva<br>APP Geneva<br>{C, E}                |
| △                                   | LS099                  | 46 27 43.5 N 006 19 33.3 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 082°                                       | 5.1                        | FL 195<br>4000 ft<br>MEA = 4000 ft | MOCA = 3655 ft               | Even |                                                                                                                                                    | ACC Geneva<br>APP Geneva<br>{C, E}                |
| △                                   | St-Prex VOR/DME (SPR)  | 46 28 07.3 N 006 26 53.0 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 086°<br>266°                               | 11.4                       | FL 195<br>3500 ft<br>MEA = 4000 ft | MOCA = 2530 ft               | Even | Even                                                                                                                                               | ACC Geneva<br>{C, E}                              |
| △                                   | LS100                  | 46 28 14.5 N 006 43 22.4 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 030°<br>210°                               | 17.9                       | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 5043 ft               | Even | Even                                                                                                                                               | ACC Geneva<br>{C, E}                              |
| △                                   | LS103                  | 46 43 11.2 N 006 57 39.1 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 069°<br>249°                               | 11.4                       | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 5043 ft               | Even | Even                                                                                                                                               | ACC Geneva<br>{C, E}                              |
| △                                   | FRIBOURG VOR/DME (FRI) | 46 46 39.3 N 007 13 24.6 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 046°<br>226°                               | 5.7                        | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 4141 ft               | Even | Even                                                                                                                                               | ACC Geneva, Zurich<br>{C, E}                      |
| △                                   | LS104                  | 46 50 23.4 N 007 19 42.2 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 046°<br>226°                               | 8.2                        | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 4336 ft               | Even | Even                                                                                                                                               | ACC Geneva, Zurich<br>{C, E}<br>TWR/APP Berne {D} |
| △                                   | LS105                  | 46 55 44.0 N 007 28 44.9 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 046°<br>227°                               | 18.3                       | FL 195<br>5500 ft<br>MEA = 6000 ft | MOCA = 4958 ft               | Even | Even                                                                                                                                               | ACC Geneva, Zurich<br>{C, E}<br>TWR/APP Berne {D} |
| △                                   | UMTOP                  | 47 07 38.9 N 007 49 06.2 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 088°<br>268°                               | 12.3                       | FL 195<br>4500 ft<br>MEA = 5000 ft | MOCA = 4485 ft               | Odd  | Odd                                                                                                                                                | ACC Zurich<br>{C, E}                              |
| △                                   | ME103                  | 47 07 27.9 N 008 07 05.1 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 079°<br>259°                               | 10.3                       | FL 195<br>4500 ft<br>MEA = 5000 ft | MOCA = 3734 ft               | Odd  | Odd                                                                                                                                                | ACC Zurich {C, E}<br>TWR/APP Emmen {D}            |
| △                                   | ME104                  | 47 08 53.5 N 008 22 05.9 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |
|                                     |                        | 067°<br>247°                               | 6.8                        | FL 195<br>4500 ft<br>MEA = 5000 ft | MOCA = 3860 ft               | Odd  | Odd                                                                                                                                                | ACC Zurich {C, E}<br>TWR/APP Emmen {D}            |
| △                                   | ZC700                  | 47 11 14.6 N 008 31 23.3 E                 |                            |                                    |                              |      |                                                                                                                                                    |                                                   |

| Route Designator                    |       | Route Remarks (Optional)                   |                           |                                      |                            |                                 |                           |                                                                                                                                                          |
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| Name of significant points          |       | Significant point geographical coordinates |                           |                                      |                            |                                 | Significant Point Remarks |                                                                                                                                                          |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br>(COP) | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |                           | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |
|                                     |       | ↓<br>↑                                     |                           |                                      |                            | ↓                               | ↑                         |                                                                                                                                                          |
|                                     |       | 081°<br>261°                               | 4.3                       | FL 195<br>4500 ft<br>MEA = 5000 ft   | MOCA = 4095 ft             | Odd                             | Odd                       | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | OSNOG | 47 11 42.5 N 008 37 36.1 E                 |                           |                                      |                            |                                 |                           |                                                                                                                                                          |
|                                     |       | 081°<br>261°                               | 6.9                       | FL 195<br>4838 ft<br>MEA = 5000 ft   | MOCA = 4838 ft             | Odd                             | Odd                       | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | LS110 | 47 12 26.8 N 008 47 38.1 E                 |                           |                                      |                            |                                 |                           |                                                                                                                                                          |
|                                     |       | 085°<br>265°                               | 6.4                       | FL 195<br>4838 ft<br>MEA = 5000 ft   | MOCA = 4838 ft             | Odd                             | Odd                       | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | LS111 | 47 12 41.6 N 008 57 01.1 E                 |                           |                                      |                            |                                 |                           |                                                                                                                                                          |
|                                     |       | 047°<br>228°                               | 10.6                      | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 4973 ft             | Even                            | Even                      | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | LS112 | 47 19 25.5 N 009 09 02.0 E                 |                           |                                      |                            |                                 |                           |                                                                                                                                                          |
|                                     |       | 018°<br>198°                               | 5.7                       | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 4973 ft             | Even                            | Even                      | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | DEGES | 47 24 45.0 N 009 12 07.0 E                 |                           |                                      |                            |                                 |                           |                                                                                                                                                          |
|                                     |       | 040°<br>220°                               | 8.0                       | FL 195<br>4500 ft<br>MEA = 5000 ft   | MOCA = 4134 ft             | Odd                             | Odd                       | ACC Zurich {C, E}<br>TWR/APP St. Gallen<br>Altenrhein {D}                                                                                                |
| △                                   | SITOR | 47 30 36.7 N 009 20 10.5 E                 |                           |                                      |                            |                                 |                           |                                                                                                                                                          |

| Route Designator                    |              | Route Remarks (Optional)                   |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|-------------------------------------|--------------|--------------------------------------------|--------------------------------------|--------------------------------------|---------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Name of significant points          |              | Significant point geographical coordinates |                                      |                                      |                                 |      | Significant Point Remarks                                                                                                                                |                                        |
| Route Segment RCP/RSP specification | Track<br>MAG | Geodesic<br>Dist<br><br>(COP)              | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA           | Direction of<br>cruising levels |      | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |                                        |
|                                     | ↓<br>↑       |                                            |                                      |                                      | ↓                               | ↑    |                                                                                                                                                          |                                        |
| KY252                               |              |                                            |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
| △                                   | ME104        | 47 08 53.5 N 008 22 05.9 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 123°<br>303°                               | 3.1                                  | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 4000 ft                  | Even | Even                                                                                                                                                     | ACC Zurich {C, E}<br>TWR/APP Emmen {D} |
| △                                   | LS702        | 47 07 06.3 N 008 25 45.1 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 122°<br>302°                               | 8.4                                  | FL 195<br>5704 ft<br>MEA = 6000 ft   | MOCA = 5704 ft                  | Even | Even                                                                                                                                                     | ACC Zurich {C, E}<br>TWR/APP Emmen {D} |
| △                                   | LS201        | 47 02 15.9 N 008 35 42.6 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 173°<br>353°                               | 6.3                                  | FL 195<br>6632 ft<br>MEA = 7000 ft   | MOCA = 6632 ft                  | Odd  | Odd                                                                                                                                                      | ACC Zurich<br>{C, E}                   |
| △                                   | LS202        | 46 56 00.8 N 008 36 23.1 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 173°<br>353°                               | 3.0                                  | FL 195<br>7928 ft<br>MEA = 8000 ft   | MOCA = 7928 ft                  | Even | Even                                                                                                                                                     | ACC Zurich<br>{C, E}                   |
| △                                   | LS203        | 46 53 01.4 N 008 36 42.4 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 156°<br>336°                               | 3.6                                  | FL 195<br>7960 ft<br>MEA = 8000 ft   | MOCA = 7960 ft                  | Even | Even                                                                                                                                                     | ACC Zurich<br>{C, E}                   |
| △                                   | LS204        | 46 49 40.6 N 008 38 37.5 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 167°<br>347°                               | 3.0                                  | FL 195<br>8598 ft<br>MEA = 9000 ft   | MOCA = 8598 ft                  | Odd  | Odd                                                                                                                                                      | ACC Zurich<br>{C, E}                   |
| △                                   | LS205        | 46 46 45.0 N 008 39 20.8 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 202°<br>022°                               | 5.4                                  | FL 195<br>9632 ft<br>MEA = 10000 ft  | MOCA = 9632 ft                  | Even | Even                                                                                                                                                     | ACC Zurich<br>{C, E}                   |
| △                                   | LS206        | 46 41 51.5 N 008 36 05.3 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 186°<br>006°                               | 2.9                                  | FL 195<br>9782 ft<br>MEA = 10000 ft  | MOCA = 9782 ft                  | Even | Even                                                                                                                                                     | ACC Zurich<br>{C, E}                   |
| △                                   | LS207        | 46 38 59.9 N 008 35 25.1 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 208°<br>028°                               | 4.1                                  | FL 195<br>10500 ft<br>MEA = 11000 ft | MOCA = 10465 ft                 | Odd  | Odd                                                                                                                                                      | ACC Zurich<br>{C, E}                   |
| △                                   | LS208        | 46 35 30.7 N 008 32 22.2 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 153°<br>333°                               | 2.9                                  | FL 195<br>11500 ft<br>MEA = 12000 ft | MOCA = 10673 ft                 | Even | Even                                                                                                                                                     | ACC Zurich<br>{C, E}                   |
| △                                   | LS209        | 46 32 52.6 N 008 34 03.6 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 111°<br>291°                               | 3.1                                  | FL 195<br>11500 ft<br>MEA = 12000 ft | MOCA = 10495 ft                 | Even | Even                                                                                                                                                     | ACC Zurich<br>{C, E}                   |
| △                                   | LS210        | 46 31 37.9 N 008 38 10.8 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |
|                                     |              | 111°<br>291°                               | 7.6                                  | FL 195<br>10500 ft<br>MEA = 11000 ft | MOCA = 9350 ft                  | Odd  | Odd                                                                                                                                                      | ACC Zurich<br>{C, E}                   |
| △                                   | LS211        | 46 28 33.8 N 008 48 17.4 E                 |                                      |                                      |                                 |      |                                                                                                                                                          |                                        |

| Route Designator                    |       | Route Remarks (Optional)                   |                           |                                      |                            |                                 |      |                                                                                                                                                          |
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| Name of significant points          |       | Significant point geographical coordinates |                           |                                      |                            |                                 |      | Significant Point Remarks                                                                                                                                |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br>(COP) | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |      | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |
|                                     |       | ↓<br>↑                                     |                           |                                      |                            | ↓                               | ↑    |                                                                                                                                                          |
|                                     |       | 137°<br>317°                               | 9.0                       | FL 195<br>8500 ft<br>MEA = 9000 ft   | MOCA = 8351 ft             | Odd                             | Odd  | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | LS212 | 46 21 39.2 N 008 56 39.3 E                 |                           |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |       | 151°<br>332°                               | 9.2                       | FL 195<br>6982 ft<br>MEA = 7000 ft   | MOCA = 6982 ft             | Odd                             | Odd  | ACC Zurich<br>{C, E}                                                                                                                                     |
| △                                   | LS213 | 46 13 22.8 N 009 02 21.2 E                 |                           |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |       | 209°<br>029°                               | 8.0                       | FL 195<br>6500 ft<br>MEA = 7000 ft   | MOCA = 5692 ft             | Odd                             | Odd  | ACC Zurich {C, E}<br>TWR/APP Locarno {D}                                                                                                                 |
| △                                   | LS214 | 46 06 32.9 N 008 56 16.8 E                 |                           |                                      |                            |                                 |      |                                                                                                                                                          |
|                                     |       | 187°<br>007°                               | 6.4                       | FL 195<br>5500 ft<br>MEA = 6000 ft   | MOCA = 5153 ft             | Even                            | Even | ACC Zurich {C, E}<br>TWR/APP Locarno {D}                                                                                                                 |
| △                                   | LUGAN | 46 00 13.1 N 008 54 37.0 E                 |                           |                                      |                            |                                 |      |                                                                                                                                                          |

| Route Designator                    |              | Route Remarks (Optional)                   |                                      |                                                                  |                                 |   |                                                                                                                                                          |                                    |
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| Name of significant points          |              | Significant point geographical coordinates |                                      |                                                                  |                                 |   |                                                                                                                                                          | Significant Point Remarks          |
| Route Segment RCP/RSP specification | Track<br>MAG | Geodesic<br>Dist<br><br>(COP)              | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA                                       | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |                                    |
|                                     | ↓<br>↑       |                                            |                                      |                                                                  | ↓                               | ↑ |                                                                                                                                                          |                                    |
| KY253                               |              |                                            |                                      |                                                                  |                                 |   |                                                                                                                                                          |                                    |
| △                                   | LS201        | 47 02 15.9 N 008 35 42.6 E                 |                                      |                                                                  |                                 |   |                                                                                                                                                          |                                    |
|                                     |              | $\frac{217^{\circ}}{037^{\circ}}$          | 7.6                                  | $\frac{\text{FL } 195}{6500 \text{ ft}}$<br><i>MEA = 7000 ft</i> | <i>MOCA = 5903 ft</i>           |   |                                                                                                                                                          | ACC Zurich<br>{C, E}               |
| △                                   | LS301        | 47 08 14.0 N 008 42 41.3 E                 |                                      |                                                                  |                                 |   |                                                                                                                                                          |                                    |
|                                     |              | $\frac{217^{\circ}}{037^{\circ}}$          | 4.1                                  | $\frac{\text{FL } 195}{5500 \text{ ft}}$<br><i>MEA = 6000 ft</i> | <i>MOCA = 4950 ft</i>           |   |                                                                                                                                                          | ACC Zurich<br>APP Zurich<br>{C, E} |
| △                                   | LS302        | 47 11 25.4 N 008 46 25.9 E                 |                                      |                                                                  |                                 |   |                                                                                                                                                          |                                    |
|                                     |              | $\frac{217^{\circ}}{037^{\circ}}$          | 1.3                                  | $\frac{\text{FL } 195}{4500 \text{ ft}}$<br><i>MEA = 5000 ft</i> | <i>MOCA = 4950 ft</i>           |   |                                                                                                                                                          | ACC Zurich<br>APP Zurich<br>{C, E} |
| △                                   | LS110        | 47 12 26.8 N 008 47 38.1 E                 |                                      |                                                                  |                                 |   |                                                                                                                                                          |                                    |

| Route Designator                    |       | Route Remarks (Optional)                   |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
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| Name of significant points          |       | Significant point geographical coordinates |                           |                                        |                            |                                 |   | Significant Point Remarks                                                                                                                                |  |
| Route Segment RCP/RSP specification |       | Track<br>MAG                               | Geodesic<br>Dist<br>(COP) | Upper and<br>Lower limits<br><br>MEA   | Lateral limits<br><br>MOCA | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |  |
|                                     |       | ↓<br>↑                                     |                           |                                        |                            | ↓                               | ↑ |                                                                                                                                                          |  |
| KY256                               |       |                                            |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
| △                                   | UMTOP | 47 07 38.9 N 00749 06.2 E                  |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 051°<br>231°                               | 12.3                      | FL 195<br>4500 ft<br><br>MEA = 5000 ft |                            |                                 |   | ACC Zurich<br>{C, E}                                                                                                                                     |  |
| △                                   | LS601 | 47 15 04.1 N 008 03 26.0 E                 |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 077°<br>257°                               | 4.6                       | FL 195<br>4500 ft<br><br>MEA = 5000 ft |                            |                                 |   | ACC Zurich<br>{C, E}                                                                                                                                     |  |
| △                                   | LS602 | 47 15 56.6 N 008 10 06.8 E                 |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 072°<br>252°                               | 4.8                       | FL 195<br>4500 ft<br><br>MEA = 5000 ft |                            |                                 |   | ACC Zurich<br>{C, E}                                                                                                                                     |  |
| △                                   | LS603 | 47 17 16.4 N 008 16 48.8 E                 |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 115°<br>295°                               | 8.1                       | FL 195<br>4500 ft<br><br>MEA = 5000 ft | MOCA = 3744 ft             |                                 |   | ACC Zurich<br>{C, E}                                                                                                                                     |  |
| △                                   | RONIX | 47 13 34.5 N 008 27 25.2 E                 |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |
|                                     |       | 129°<br>309°                               | 3.6                       | FL 195<br>4500 ft<br><br>MEA = 5000 ft | MOCA = 2970 ft             |                                 |   | ACC Zurich {C, E}<br>TWR/APP Emmen {D}                                                                                                                   |  |
| △                                   | ZC700 | 47 11 14.6 N 008 31 23.3 E                 |                           |                                        |                            |                                 |   |                                                                                                                                                          |  |

| Route Designator                    |              | Route Remarks (Optional)                   |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |
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| Name of significant points          |              | Significant point geographical coordinates |                                      |                                    |                                 |   | Significant Point Remarks                                                                                                                                |                                        |
| Route Segment RCP/RSP specification | Track<br>MAG | Geodesic<br>Dist<br>(COP)                  | Upper and<br>Lower limits<br><br>MEA | Lateral limits<br><br>MOCA         | Direction of<br>cruising levels |   | Remarks<br>Controlling unit, operating channel,<br>and logon address<br>Navigation, RCP/RSP specification(s)<br>limitations<br>{Airspace Classification} |                                        |
|                                     | ↓<br>↑       |                                            |                                      |                                    | ↓                               | ↑ |                                                                                                                                                          |                                        |
| KY257                               |              |                                            |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |
| △                                   | ME103        | 47 07 27.9 N 008 07 05.1 E                 |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |
|                                     |              | 102°<br>282°                               | 10.2                                 | FL 195<br>4500 ft<br>MEA = 5000 ft |                                 |   |                                                                                                                                                          | ACC Zurich {C, E}<br>TWR/APP Emmen {D} |
| △                                   | LS701        | 47 04 58.1 N 008 21 31.0 E                 |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |
|                                     |              | 051°<br>232°                               | 3.6                                  | FL 195<br>4500 ft<br>MEA = 5000 ft |                                 |   |                                                                                                                                                          | ACC Zurich {C, E}<br>TWR/APP Emmen {D} |
| △                                   | LS702        | 47 07 06.3 N 008 25 45.1 E                 |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |
|                                     |              | 052°<br>232°                               | 4.9                                  | FL 195<br>4500 ft<br>MEA = 5000 ft |                                 |   |                                                                                                                                                          | ACC Zurich {C, E}<br>TWR/APP Emmen {D} |
| △                                   | LS703        | 47 10 00.7 N 008 31 31.7 E                 |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |
|                                     |              | 066°<br>246°                               | 4.5                                  | FL 195<br>4500 ft<br>MEA = 5000 ft |                                 |   |                                                                                                                                                          | ACC Zurich<br>{C, E}                   |
| △                                   | OSNOG        | 47 11 42.5 N 008 37 36.1 E                 |                                      |                                    |                                 |   |                                                                                                                                                          |                                        |