

Coordinates of Air Route Waypoints in DMS for simulator

- Coordinates of ATPOM: Latitude 002425.00N, Longitude 1052114.00E.
- Coordinates of BOBOB: Latitude 022206.00N, Longitude 1070558.00E.
- Coordinates of DAMOG: Latitude 041225.00N, Longitude 1050014.00E.
- Coordinates of DOLOX: Latitude 044841.00N, Longitude 1052247.00E.
- Coordinates of DOVOL: Latitude 033047.00N, Longitude 1034923.00E.
- Coordinates of DUBSA: Latitude 034901.00N, Longitude 1044540.00E.
- Coordinates of DUDIS: Latitude 070000.00N, Longitude 1064834.00E.
- Coordinates of ELGOR: Latitude 033014.00N, Longitude 1054818.00E.
- Coordinates of ESPIT: Latitude 020011.00N, Longitude 1072624.00E.
- Coordinates of HOSBA: Latitude 011948.00N, Longitude 1042418.00E.
- Coordinates of IDSEL: Latitude 032432.00N, Longitude 1035544.00E.
- Coordinates of KAMIN: Latitude 023444.00N, Longitude 1085537.00E.
- Coordinates of KETOD: Latitude 031044.00N, Longitude 1040943.00E.
- Coordinates of KILOT: Latitude 030217.00N, Longitude 1044023.00E.
- Coordinates of LIPRO: Latitude 025342.00N, Longitude 1051128.00E.

- Coordinates of LUSMO: Latitude 033341.00N, Longitude 1065534.00E.
- Coordinates of MABAL: Latitude 032826.00N, Longitude 1051236.00E.
- Coordinates of MABLI: Latitude 041717.00N, Longitude 1061247.00E.
- Coordinates of MASBO: Latitude 020248.00N, Longitude 1025251.00E.
- Coordinates of MELAS: Latitude 070520.00N, Longitude 1080911.00E.
- Coordinates of OBLLOT: Latitude 014256.00N, Longitude 1064147.00E.
- Coordinates of OLKIT: Latitude 045010.00N, Longitude 1115118.00E.
- Coordinates of OMBAP: Latitude 023116.00N, Longitude 1063242.00E.
- Coordinates of OPULA: Latitude 033155.00N, Longitude 1062118.00E.
- Coordinates of OTLON: Latitude 030752.00N, Longitude 1042006.00E.
- Coordinates of PADLI: Latitude 030918.00N, Longitude 1033133.00E.
- Coordinates of RAXIM: Latitude 030318.00N, Longitude 1041713.00E.
- Coordinates of SABIP: Latitude 020940.00N, Longitude 1075044.00E.
- Coordinates of SURGA: Latitude 003657.00N, Longitude 1063119.00E.
- Coordinates of SUSAR: Latitude 035848.00N, Longitude 1051547.00E.

- Coordinates of TERIX: Latitude 041521.00N, Longitude 1093456.00E.
- Coordinates of TOMAN: Latitude 012147.00N, Longitude 1054717.00E.
- Coordinates of UGPEK: Latitude 033647.00N, Longitude 1040752.00E.
- Coordinates of URIGO: Latitude 032505.00N, Longitude 1040647.00E.
- Coordinates of VISAT: Latitude 032620.00N, Longitude 1043134.00E.
- Coordinates of VMR: Latitude 022318.00N, Longitude 1035218.00E.
- Coordinates of VPK: Latitude 032259.00N, Longitude 1032524.00E.
- Coordinates of SABKA: Latitude 015051.00N, Longitude 1031713.00E.
- Coordinates of KK: Latitude 013118.00N, Longitude 1035924.00E.
- Coordinates of SJ: Latitude 011321.00N, Longitude 1035115.00E.
- Coordinates of VJB: Latitude 013950.40N, Longitude 1033939.20E.
- Coordinates of SAROX: Latitude 024802.00N, Longitude 1024019.00E.
- Coordinates of TPG: Latitude 005413.00N, Longitude 1043052.00E.

Common Flight Paths in Sector 6

1. Flight Path 1

```
{
"time": "Initialization time of aircraft after simulation start in seconds",
```

```

"type": "A320",
"departure": {
  "af": "WMKK"
},
"initial_position": {
  "latitude": "032505.00N",
  "longitude": "1040647.00E",
  "altitude": "FL370",
  "heading": "87.11436821923061"
},
"air_route": ["IDSEL", "URIGO", "VISAT", "MABAL", "ELGOR", "OPULA", "LUSMO",
  "TERIX", "OLKIT"],
"destination": {
  "af": "WBKK"
}
}

```

2. Flight Path 2

```

{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "B738",
  "departure": {
    "af": "WBGG"
  },
  "initial_position": {
    "latitude": "022206.00N",
    "longitude": "1070558.00E",
    "altitude": "FL380",
    "heading": "285.33249995492605"
  },
  "air_route": ["BOBOB", "OMBAP", "LIPRO", "KILOT", "OTLON", "KETOD", "VPK"],

```

```
"destination": {  
  "af": "WMKP"  
}  
}
```

3. Flight Path 3

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B734",  
  "departure": {  
    "af": "WSSS"  
  },  
  "initial_position": {  
    "latitude": "023106.70N",  
    "longitude": "1035709.81E",  
    "altitude": "FL160",  
    "heading": "32.053335700277444"  
  },  
  "air_route": ["RAXIM", "OTLON", "VISAT", "DUBSA", "DAMOG", "DOLOX",  
    "DUDIS"],  
  "destination": {  
    "af": "ZSFZ"  
  }  
}
```

4. Flight Path 4

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B744",
```

```

"departure": {
  "af": "WMKK"
}, "initial_position": {
  "latitude": "032505.00N",
  "longitude": "1040647.00E",
  "altitude": "FL330",
  "heading": "87.11436821923061"
},
"air_route": ["IDSEL", "URIGO", "VISAT", "MABAL", "ELGOR", "OPULA", "LUSMO",
"TERIX", "OLKIT"],
"destination": {
  "af": "WBKK"
}
}

```

5. Flight Path 5

```

{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "A388",
  "departure": {
    "af": "WBSB"
  },
  "initial_position": {
    "latitude": "034317.75N",
    "longitude": "1073208.46E",
    "altitude": "FL380",
    "heading": "255.502032736874"
  },
  "air_route": ["LUSMO", "OPULA", "ELGOR", "MABAL", "VISAT", "URIGO", "IDSEL",

```

```
"PADLI", "SAROX"],
```

```
"destination": {
```

```
"af": "WMKK"
```

```
}
```

```
}
```

```
---
```

6. Flight Path 6

```
{
```

```
"time": "Initialization time of aircraft after simulation start in seconds",
```

```
"type": "A333",
```

```
"departure": {
```

```
"af": "WMSA"
```

```
},
```

```
"initial_position": {
```

```
"latitude": "032048.47N",
```

```
"longitude": "1033316.81E",
```

```
"altitude": "FL160",
```

```
"heading": "105.35629179270975"
```

```
},
```

```
"air_route": ["KETOD", "OTLON", "KILOT", "LIPRO", "OMBAP", "BOBOB", "SABIP",
```

```
"AGOBA"],
```

```
"destination": {
```

```
"af": "WBKL"
```

```
}
```

```
}
```

```
---
```

7. Flight Path 7

```
{
```

```
"time": "Initialization time of aircraft after simulation start in seconds",
"type": "A320",
"departure": {
  "af": "WSSS"
},
"initial_position": {
  "latitude": "023106.70N",
  "longitude": "1035709.81E",
  "altitude": "FL160",
  "heading": "32.053335700277444"
},
"air_route": ["RAXIM", "OTLON", "VISAT", "DUBSA", "DAMOG", "DOLOX", "DUDIS"],
"destination": {
  "af": "VHHH"
}
}
```

8. Flight Path 8

```
{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "B738",
  "departure": {
    "af": "WSSS"
  },
  "initial_position": {
    "latitude": "023106.70N",
    "longitude": "1035709.81E",
    "altitude": "FL160",
    "heading": "32.053335700277444"
```



```

},
"air_route": ["RAXIM", "OTLON", "VISAT", "DUBSA", "DAMOG", "DOLOX",
"DUDIS"],
"destination": {
  "af": "ZSPD"
}
}
---
```

9. Flight Path 9

```

{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "B738",
  "departure": {
    "af": "RCTP"
  },
  "initial_position": {
    "latitude": "093147.00N",
    "longitude": "1095009.00E",
    "altitude": "FL400",
    "heading": "214.60259773832308"
  },
  "air_route": ["MELAS", "MABLI", "SUSAR", "DUBSA", "UGPEK", "DOVOL", "PADLI",
"SAROX"],
  "destination": {
    "af": "WMKK"
  }
}
---
```

10. Flight Path 10

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B734",  
  "departure": {  
    "af": "WARR"  
  },  
  "initial_position": {  
    "latitude": "061454.00N",  
    "longitude": "1132122.00E",  
    "altitude": "FL360",  
    "heading": "232.6982289415827"  
  },  
  "air_route": ["SUMDI", "SURGA", "ATPOM", "TPG", "SJ", "VJB", "SABKA",  
    "MASBO"],  
  "destination": {  
    "af": "WMKK"  
  }  
}
```

11. Flight Path 11

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B744",  
  "departure": {  
    "af": "WBSB"  
  },  
  "initial_position": {  
    "latitude": "045010.00N",
```

```

"longitude": "1115118.00E",
"altitude": "FL340",
"heading": "255.81768675597408"
},
"air_route": ["TERIX", "LUSMO", "OPULA", "ELGOR", "MABAL", "VISAT", "URIGO",
"IDSEL", "PADLI"],
"destination": {
"af": "WMKK"
}
}
---
```

12. Flight Path 12

```

{
"time": "Initialization time of aircraft after simulation start in seconds",
"type": "A388",
"departure": {
"af": "WBKK"
},
"initial_position": {
"latitude": "045010.00N",
"longitude": "1115118.00E",
"altitude": "FL380",
"heading": "255.81768675597408"
},
"air_route": ["TERIX", "LUSMO", "OPULA", "ELGOR", "MABAL", "VISAT", "URIGO",
"IDSEL", "PADLI", "SAROX"],
"destination": {
"af": "WMKK"
}
}
```

13. Flight Path 13

```
{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "A333",
  "departure": {
    "af": "WBGG"
  },
  "initial_position": {
    "latitude": "015840.00N",
    "longitude": "1083000.00E",
    "altitude": "FL360",
    "heading": "285.57121908634656"
  },
  "air_route": ["SABIP", "BOBOB", "OMBAP", "LIPRO", "KILOT", "OTLON", "KETOD",
    "PADLI", "SAROX"],
  "destination": {
    "af": "WMKK"
  }
}
```

14. Flight Path 14

```
{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "A320",
  "departure": {
    "af": "WMKJ"
  },
  "initial_position": {
```

```

"latitude": "013950.40N", "longitude": "1033939.20E",
"altitude": "FL320",
"heading": "113.25103493940942"
},
"air_route": ["KK", "HOSBA", "TOMAN", "OBLOT", "ESPIT", "SABIP", "KAMIN"],
"destination": {
  "af": "WBKK"
}
}

```

15. Flight Path 15

```

{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "B737",
  "departure": {
    "af": "WSSS"
  },
  "initial_position": {
    "latitude": "014522.00N",
    "longitude": "1035443.00E",
    "altitude": "FL320",
    "heading": "356.3333539334049"
  },
  "air_route": ["VMR", "RAXIM", "OTLON", "VISAT", "DUBSA", "DAMOG", "DOLOX", "DUDIS"],
  "destination": {
    "af": "ZBAA"
  }
}

```