

## mumAirways in Sector 6

### 1. Airway M758

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "A320",  
  "departure": {  
    "af": "WMKK"  
  },  
  "initial_position": {  
    "latitude": "032432.00N ",  
    "longitude": "1035544.00E ",  
    "altitude": "FL370",  
    "heading": "87.11"  
  },  
  "air_route": [ "IDSEL", "URIGO", "VISAT", "MABAL", "ELGOR", "OPULA", "LUSMO"],  
  "destination": {  
    "af": "WBKK"  
  }  
}
```

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## 2. Airway M758R

```
{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "B744",
  "departure": {
    "af": "WBKK"
  },
  "initial_position": {
    "latitude": "033341.00N",
    "longitude": "1065534.00E ",
    "altitude": "FL340",
    "heading": "270"
  },
  "air_route": [ "LUSMO", "OPULA", "ELGOR", "MABAL", "VISAT", "URIGO",
    "IDSEL", "PADLI", "SAROX"],
  "destination": {
    "af": "WMKK"
  }
}
```

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### 3. Airway M761

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B738",  
  "departure": {  
    "af": "WBGG"  
  },  
  "initial_position": {  
    "latitude": "020940.00N",  
    "longitude": "1075044.00E ",  
    "altitude": "FL380",  
    "heading": "285.33"  
  },  
  "air_route": [ "SABIP", "BOBOB", "OMBAP", "VERIN", "BUNTO", "LIPRO", "KILOT", "OTLON", "KETOD",  
    "OBDAB", "VPK"],  
  "destination": {  
    "af": "WMKK"  
  }  
}
```

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#### 4. Airway M761R

```
{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "A333",
  "departure": {
    "af": "WMKK"
  },
  "initial_position": {
    "latitude": "032259.00N",
    "longitude": "1032524.00E",
    "altitude": "FL160",
    "heading": "105.36"
  },
  "air_route": ["VPK", "OBDAB", "KETOD", "OTLON", "KILOT", "LIPRO", "BUNTO", "VERIN", "OMBAP",
    "BOBOB", "SABIP"],
  "destination": {
    "af": "WBGG"
  }
}
```

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## 5. Airway M771

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B734",  
  "departure": {  
    "af": "WSSS"  
  },  
  "initial_position": {  
    "latitude": "022318.00N ",  
    "longitude": "1035218.00E ",  
    "altitude": "FL160",  
    "heading": "32.05"  
  },  
  "air_route": ["VMR", "RAXIM", "OTLON", "VISAT", "DUBSA", "DAMOG", "DOLOX"],  
  "destination": {  
    "af": "ZSFZ"  
  }  
}
```

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## 6. Airway M771R

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B734",  
  "departure": {  
    "af": "ZSFZ"  
  },  
  "initial_position": {  
    "latitude": "044841.00N ",  
    "longitude": "1052247.00E ",  
    "altitude": "FL160",  
    "heading": "212.05"  
  },  
  "air_route": ["DOLOX", "DAMOG", "DUBSA", "VISAT", "OTLON", "RAXIM", "VMR"],  
  "destination": {  
    "af": "WSSS"  
  }  
}
```

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## 7. Airway L635

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B738",  
  "departure": {  
    "af": "RCTP"  
  },  
  "initial_position": {  
    "latitude": "041717.00N ",  
    "longitude": "1061247.00E ",  
    "altitude": "FL400",  
    "heading": "250"  
  },  
  "air_route": ["MABLI", "SUSAR", "DUBSA", "UGPEK", "DOVOL", "PADLI"],  
  "destination": {  
    "af": "WMKK"  
  }  
}
```

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## 8. Airway L635R

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B738",  
  "departure": {  
    "af": "WMKK"  
  },  
  "initial_position": {  
    "latitude": "030918.00N",  
    "longitude": "1033133.00E ",  
    "altitude": "FL400",  
    "heading": "34.60"  
  },  
  "air_route": ["PADLI", "DOVOL", "UGPEK", "DUBSA", "SUSAR", "MABLI"],  
  "destination": {  
    "af": "RCTP"  
  }  
}
```

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## 9. Airway N892

```
{
  "time": "Initialization time of aircraft after simulation start in seconds",
  "type": "B738",
  "departure": {
    "af": " RCTP "
  },
  "initial_position": {
    "latitude": "041717.00N",
    "longitude": "1061247.00E ",
    "altitude": "FL400",
    "heading": "230"
  },
  "air_route": ["MABLI", "MUMSO", "MABAL", "KILOT", "KIBOL", "PEKLA", "VMR"],
  "destination": {
    "af": "WSSS"
  }
}
```

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## 10. Airway N884

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B738",  
  "departure": {  
    "af": " WSSS"  
  },  
  "initial_position": {  
    "latitude": "022318.00N",  
    "longitude": "1035218.00E ",  
    "altitude": "FL400",  
    "heading": "65"  
  },  
  "air_route": ["VMR", "LEND", "LIPRO", "LEBIN", "ONAPO", "LUSMO"],  
  "destination": {  
    "af": " WBKK "  
  }  
}
```

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## 11. Airway N875

```
{  
  "time": "Initialization time of aircraft after simulation start in seconds",  
  "type": "B738",  
  "departure": {  
    "af": "VDPP"  
  },  
  "initial_position": {  
    "latitude": "041225.00N",  
    "longitude": "1050014.00E",  
    "altitude": "FL400",  
    "heading": "132.05"  
  },  
  "air_route": ["DAMOG", "SUSAR", "MUMSO", "ELGOR", "LEBIN", "OMLIV", "BOBOB"],  
  "destination": {  
    "af": "WBGG"  
  }  
}
```

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### Coordinates of Waypoints of the air routes in DMS for simulator

- Coordinates of ATPOM: Latitude 002425.00N, Longitude 1052114.00E.
- Coordinates of AGOBA: Latitude 015840.00N, Longitude 1083000.00E.
- 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 MUMSO: Latitude 034420.00N, Longitude 1053213.00E.
- Coordinates of OBLOT: 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 TERIC: 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.

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