

# ESMS - Malmö - Malmo Sturup

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Skåne län          |
| Country     | Sweden             |
| Region      | ES                 |
| Elevation   | 233ft (71m)        |
| Timezone    | GMT +1             |
| Coordinates | 55.54833, 13.35333 |
| Type        | land               |
| ICAO code   | ESMS               |
| IATA code   | MMX                |
| FAA code    | n/a                |

## Runway info

|                |                         |
|----------------|-------------------------|
| Runway 17 / 35 |                         |
| length         | 2797m (9177ft)          |
| bearing        | 168° / 348°             |
| width          | 45m (148ft)             |
| surface        | asphalt                 |
| blast zone     | 30m (98ft) / 30m (98ft) |
| Runway 11 / 29 |                         |
| length         | 795m (2608ft)           |
| bearing        | 99° / 279°              |
| width          | 18m (59ft)              |
| surface        | asphalt                 |

## Communication

|                        |         |
|------------------------|---------|
| Malmo Sturup ATIS      | 129.275 |
| Malmo Sturup ATIS      | 129.275 |
| Malmo Sturup ATIS      | 129.275 |
| Malmo Sturup ATIS      | 129.275 |
| Malmo Sturup TWR       | 121.700 |
| Malmo Sturup TWR       | 118.800 |
| Malmo Sturup TWR       | 121.700 |
| Malmo Sturup TWR       | 118.800 |
| Malmo Sturup TWR       | 118.800 |
| Malmo Sturup TWR       | 121.700 |
| Malmo Sturup TWR       | 118.800 |
| Malmo Sturup TWR       | 121.700 |
| Malmo Sturup MALMO CON | 135.900 |
| Malmo Sturup MALMO CON | 135.125 |
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|                        |         |
|------------------------|---------|
| Malmo Sturup MALMO CON | 135.900 |
| Malmo Sturup MALMO CON | 135.125 |
| Malmo Sturup MALMO CON | 135.900 |
| Malmo Sturup MALMO CON | 135.900 |
| Malmo Sturup DEP       | 133.000 |
| Malmo Sturup DEP       | 133.000 |
| Malmo Sturup DEP       | 133.000 |
| Malmo Sturup DEP       | 133.000 |

## Approach frequencies

|            |    |       |         |
|------------|----|-------|---------|
| ILS-cat-II | 17 | 111.9 | 18.00mi |
| ILS-cat-II | 35 | 108.1 | 18.00mi |
| 3° GS      | 17 | 111.9 | 18.00mi |
| 3° GS      | 35 | 108.1 | 18.00mi |

## Nearby beacons

| code | identifier                   | dist | bearing | frequency |
|------|------------------------------|------|---------|-----------|
| SUP  | STURUP (MALMO) VOR/DME       | 1.2  | 117.7°  | 113       |
| KAS  | KASTRUP (COPENHAGEN) VOR/DME | 25.2 | 273.2°  | 112.50    |
| KD   | KRISTIANSTAD NDB             | 31.2 | 65.9°   | 375       |
| LJU  | LJUNGBYHED VOR/DME           | 32.5 | 344.1°  | 113.40    |
| OEM  | KRISTIANSTAD NDB             | 36.6 | 59.4°   | 363       |
| SVD  | DME                          | 45.6 | 308.5°  | 116.20    |
| AH   | ANGELHOLM NDB                | 45.7 | 327.7°  | 417       |
| CDA  | CODAN VOR/DME                | 46.7 | 240.6°  | 114.90    |
| LB   | ANGELHOLM NDB                | 51.8 | 323.6°  | 370       |

## Departure and arrival routes

Transition altitude 5000ft

| SID end points | distance | outbound direction |
|----------------|----------|--------------------|
| RW17           |          |                    |
| NEXI1K         | 49.1     | 26°                |
| EKRA1K         | 24.7     | 69°                |
| TELM1K         | 39.4     | 123°               |
| SALO1K         | 37.9     | 177°               |
| DISG1K         | 31.8     | 237°               |
| ERNO1G, ERNO1K | 45.5     | 309°               |
| BABS1K, BABS1G | 23.5     | 338°               |
| RW35           |          |                    |
| NEXI1L         | 49.1     | 26°                |
| EKRA1L         | 24.7     | 69°                |
| TELM1L         | 39.4     | 123°               |
| SALO1H, SALO1L | 37.9     | 177°               |
| DISG1L, DISG1H | 31.8     | 237°               |

|        |      |      |
|--------|------|------|
| ERNO1L | 45.5 | 309° |
| BABS1L | 23.5 | 338° |

| STAR starting points | distance | inbound direction |
|----------------------|----------|-------------------|
| RW17                 |          |                   |
| DETU2S               | 33.8     | 34°               |
| ERNO1S               | 45.5     | 129°              |
| RASM1S               | 74.2     | 201°              |
| EKRA1S               | 24.7     | 249°              |
| ROE1S                | 56.1     | 289°              |
| BAKL1S               | 38.5     | 342°              |
| RW35                 |          |                   |
| DETU1T               | 33.8     | 34°               |
| ERNO1T               | 23.5     | 158°              |
| RASM1T               | 62.0     | 192°              |
| EKRA1T               | 24.7     | 249°              |
| ROE1T                | 56.1     | 289°              |
| BAKL1T               | 38.5     | 342°              |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude | leg          | speed limit |
|-----------|---------|------|-------|------------|----------|--------------|-------------|
| BAKL1S    | TIDVU   | VHF  | right | 113 (293)° | > 5000ft | 1.5min timed | 230         |
| ERNO1S    | NORVI   | VHF  | left  | 348 (168)° | > 3000ft | 1.0min timed | 230         |
| RASM1S    | NORVI   | VHF  | left  | 348 (168)° | > 3000ft | 1.0min timed | 230         |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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## To be used with X-Plane simulation only