

# USCM - Magnitogorsk

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Bashkortostan      |
| Country     | Russian Federation |
| Region      | US                 |
| Elevation   | 1431ft (436m)      |
| Timezone    | GMT +5             |
| Coordinates | 53.38754, 58.75744 |
| Type        | land               |
| ICAO code   | USCM               |
| IATA code   | MQF                |
| FAA code    | n/a                |

## Runway info

|                |                 |
|----------------|-----------------|
| Runway 18 / 36 |                 |
| length         | 3247m (10653ft) |
| bearing        | 206° / 26°      |
| width          | 45m (148ft)     |
| surface        | concrete        |

## Communication

|                  |         |
|------------------|---------|
| Magnitogorsk GND | 119.000 |
| Magnitogorsk GND | 119.000 |
| Magnitogorsk GND | 119.000 |
| Magnitogorsk GND | 119.000 |
| Magnitogorsk TWR | 120.800 |
| Magnitogorsk TWR | 120.800 |
| Magnitogorsk TWR | 120.800 |
| Magnitogorsk TWR | 120.800 |

## Approach frequencies

|           |    |       |         |
|-----------|----|-------|---------|
| ILS-cat-I | 18 | 109.9 | 18.00mi |
| ILS-cat-I | 36 | 108.7 | 18.00mi |
| 2.7° GS   | 18 | 109.9 | 18.00mi |
| 2.7° GS   | 36 | 108.7 | 18.00mi |

## Nearby beacons

| code | identifier           | dist | bearing | frequency |
|------|----------------------|------|---------|-----------|
| MGR  | MAGNITOGORSK VOR/DME | 1    | 0.4°    | 114.10    |
| R    | MAGNITOGORSK NDB     | 1.1  | 216.7°  | 975       |

|    |                  |     |        |     |
|----|------------------|-----|--------|-----|
| C  | MAGNITOGORSK NDB | 1.7 | 17.9°  | 975 |
| RF | MAGNITOGORSK NDB | 2.7 | 209.9° | 480 |

## Departure and arrival routes

Transition altitude 5696ft

| <b>SID end points</b>  | <b>distance</b> | <b>outbound direction</b> |
|------------------------|-----------------|---------------------------|
| <b>RW18</b>            |                 |                           |
| ETRE1M, ETRE1K         | 39.6            | 26°                       |
| OLMA1M, OLMA1K, OLMA1H | 37.6            | 51°                       |
| BURI1M, BURI1K, BURI1H | 32.0            | 89°                       |
| BANA1K, BANA1M         | 50.9            | 208°                      |
| KUDO1M, KUDO1K         | 39.7            | 246°                      |
| NERN1K, NERN1M, NERN1H | 37.0            | 271°                      |
| LANU1M, LANU1K         | 40.3            | 335°                      |
| <b>RW36</b>            |                 |                           |
| ETRE1N, ETRE1L, ETRE1J | 39.6            | 26°                       |
| OLMA1N, OLMA1L, OLMA1J | 37.6            | 51°                       |
| BURI1J, BURI1L, BURI1N | 32.0            | 89°                       |
| BANA1L, BANA1J, BANA1N | 50.9            | 208°                      |
| KUDO1N, KUDO1L, KUDO1J | 39.7            | 246°                      |
| NERN1J, NERN1L, NERN1N | 37.0            | 271°                      |
| LANU1L, LANU1N, LANU1J | 40.3            | 335°                      |

| <b>STAR starting points</b>    | <b>distance</b> | <b>inbound direction</b> |
|--------------------------------|-----------------|--------------------------|
| <b>RW18</b>                    |                 |                          |
| BANA1B, BANA1F                 | 50.9            | 28°                      |
| KUDO1F, KUDO1B                 | 39.7            | 66°                      |
| BATA1F, BATA1C, BATA1B         | 31.5            | 121°                     |
| ETRE1B, ETRE1F                 | 39.6            | 206°                     |
| OLMA1F, OLMA1C, OLMA1B         | 37.6            | 231°                     |
| BURI1B, BURI1F, BURI1C         | 32.0            | 269°                     |
| <b>RW36</b>                    |                 |                          |
| BANA1G, BANA1E, BANA1D, BANA1A | 50.9            | 28°                      |
| KUDO1G, KUDO1E, KUDO1D, KUDO1A | 39.7            | 66°                      |
| BATA1G, BATA1A, BATA1E, BATA1D | 31.5            | 121°                     |
| ETRE1A, ETRE1D, ETRE1E, ETRE1G | 39.6            | 206°                     |
| OLMA1A, OLMA1D, OLMA1G, OLMA1E | 37.6            | 231°                     |
| BURI1D, BURI1G                 | 32.0            | 269°                     |

## Holding patterns

| <b>STAR name</b> | <b>hold at</b> | <b>type</b> | <b>turn</b> | <b>heading*</b> | <b>altitude</b>     | <b>leg</b>      | <b>speed limit</b> |
|------------------|----------------|-------------|-------------|-----------------|---------------------|-----------------|--------------------|
| BANA1A           | RF             | FIX         | right       | 184 (4)°        | 3600ft -<br>11000ft | 1.0min<br>timed | 230                |
| BANA1B           | D034O          | VHF         | left        | 34 (214)°       | 5000ft -<br>11000ft | DME 5.8mi       | 215                |

|        |       |     |       |            |                  |              |            |
|--------|-------|-----|-------|------------|------------------|--------------|------------|
| BANA1D | R     | NDB | right | 31 (211)°  | 4350ft - 6000ft  | 1.0min timed | ICAO rules |
| BANA1F | CM011 | VHF | right | 112 (292)° | 5000ft - 11000ft | 1.0min timed | 230        |
| BATA1A | RF    | FIX | right | 184 (4)°   | 3600ft - 11000ft | 1.0min timed | 230        |
| BATA1C | C     | NDB | left  | 206 (26)°  | > 1800ft         | 1.0min timed | ICAO rules |
| BATA1D | R     | NDB | right | 31 (211)°  | 4350ft - 6000ft  | 1.0min timed | ICAO rules |
| BATA1E | D1550 | VHF | right | 155 (335)° | 5000ft - 14000ft | DME 5.8mi    | 230        |
| BURI1A | RF    | FIX | right | 184 (4)°   | 3600ft - 11000ft | 1.0min timed | 230        |
| BURI1B | D0340 | VHF | left  | 34 (214)°  | 5000ft - 11000ft | DME 5.8mi    | 215        |
| BURI1C | C     | NDB | left  | 206 (26)°  | > 1800ft         | 1.0min timed | ICAO rules |
| BURI1D | R     | NDB | right | 31 (211)°  | 4350ft - 6000ft  | 1.0min timed | ICAO rules |
| BURI1E | D1550 | VHF | right | 155 (335)° | 5000ft - 14000ft | DME 5.8mi    | 230        |
| BURI1F | CM011 | VHF | right | 112 (292)° | 5000ft - 11000ft | 1.0min timed | 230        |
| BURI1G | CM003 | VHF | left  | 94 (274)°  | 5000ft - 11000ft | 1.0min timed | 230        |
| ETRE1A | RF    | FIX | right | 184 (4)°   | 3600ft - 11000ft | 1.0min timed | 230        |
| ETRE1D | R     | NDB | right | 31 (211)°  | 4350ft - 6000ft  | 1.0min timed | ICAO rules |
| ETRE1E | D1550 | VHF | right | 155 (335)° | 5000ft - 14000ft | DME 5.8mi    | 230        |
| ETRE1G | CM003 | VHF | left  | 94 (274)°  | 5000ft - 11000ft | 1.0min timed | 230        |
| KUDO1A | RF    | FIX | right | 184 (4)°   | 3600ft - 11000ft | 1.0min timed | 230        |
| KUDO1B | D0340 | VHF | left  | 34 (214)°  | 5000ft - 11000ft | DME 5.8mi    | 215        |
| KUDO1D | R     | NDB | right | 31 (211)°  | 4350ft - 6000ft  | 1.0min timed | ICAO rules |
| KUDO1F | CM011 | VHF | right | 112 (292)° | 5000ft - 11000ft | 1.0min timed | 230        |
| OLMA1A | RF    | FIX | right | 184 (4)°   | 3600ft - 11000ft | 1.0min timed | 230        |
| OLMA1C | C     | NDB | left  | 206 (26)°  | > 1800ft         | 1.0min timed | ICAO rules |
| OLMA1D | R     | NDB | right | 31 (211)°  | 4350ft - 6000ft  | 1.0min timed | ICAO rules |
| OLMA1E | D1550 | VHF | right | 155 (335)° | 5000ft - 14000ft | DME 5.8mi    | 230        |
| OLMA1G | CM003 | VHF | left  | 94 (274)°  | 5000ft - 11000ft | 1.0min timed | 230        |

\*) magnetic outbound (inbound) holding course

## Disclaimer

The information on this website is not for real aviation. Use this data with the X-Plane flight simulator only! Data taken with kind consent from X-Plane source code and data files. Content is subject to change without notice.

## To be used with X-Plane simulation only