

# UMKK - Kaliningrad - Khrabrovo

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Kaliningrad        |
| Country     | Russian Federation |
| Region      | UM                 |
| Elevation   | 41ft (12m)         |
| Timezone    | GMT +2             |
| Coordinates | 54.89000, 20.59250 |
| Type        | land               |
| ICAO code   | UMKK               |
| IATA code   | KGD                |
| FAA code    | n/a                |

## Runway info

|                |                           |
|----------------|---------------------------|
| Runway 06 / 24 |                           |
| length         | 3347m (10981ft)           |
| bearing        | 75° / 255°                |
| width          | 42m (138ft)               |
| surface        | asphalt                   |
| blast zone     | 47m (154ft) / 46m (151ft) |

## Communication

|                                |         |
|--------------------------------|---------|
| Khrabrovo Kaliningrad ATIS     | 122.050 |
| Khrabrovo Kaliningrad ATIS     | 122.475 |
| Khrabrovo Kaliningrad ATIS     | 122.050 |
| Khrabrovo Kaliningrad ATIS     | 122.475 |
| Khrabrovo Kaliningrad ATIS     | 122.050 |
| Khrabrovo Kaliningrad ATIS     | 122.475 |
| Khrabrovo Kaliningrad ATIS     | 122.050 |
| Khrabrovo Kaliningrad ATIS     | 122.475 |
| Khrabrovo Kaliningrad Tower    | 129.425 |
| Khrabrovo Kaliningrad Tower    | 127.200 |
| Khrabrovo Kaliningrad Tower    | 129.425 |
| Khrabrovo Kaliningrad Tower    | 127.200 |
| Khrabrovo Kaliningrad Tower    | 129.425 |
| Khrabrovo Kaliningrad Tower    | 127.200 |
| Khrabrovo Kaliningrad Tower    | 129.425 |
| Khrabrovo Kaliningrad Tower    | 127.200 |
| Khrabrovo Kaliningrad Approach | 128.500 |
| Khrabrovo Kaliningrad Approach | 126.000 |
| Khrabrovo Kaliningrad Approach | 128.500 |
| Khrabrovo Kaliningrad Approach | 126.000 |
| Khrabrovo Kaliningrad Approach | 128.500 |

|                                |         |
|--------------------------------|---------|
| Khrabrovo Kaliningrad Approach | 126.000 |
| Khrabrovo Kaliningrad Approach | 126.000 |
| Khrabrovo Kaliningrad Approach | 128.500 |

## Approach frequencies

|            |    |       |         |
|------------|----|-------|---------|
| ILS-cat-II | 24 | 109.5 | 18.00mi |
| ILS-cat-I  | 06 | 110.3 | 18.00mi |
| 3° GS      | 06 | 110.3 | 18.00mi |
| 3° GS      | 24 | 109.5 | 18.00mi |

## Nearby beacons

| code | identifier                  | dist | bearing | frequency |
|------|-----------------------------|------|---------|-----------|
| KRD  | KHRABROVO VOR/DME           | 0.3  | 65.2°   | 117.05    |
| K    | KHRABROVO (KALININGRAD) NDB | 1.6  | 75.4°   | 410       |
| KR   | KHRABROVO (KALININGRAD) NDB | 3.5  | 75.4°   | 840       |
| KLP  | KLAIPEDA VOR/DME            | 54.3 | 38.2°   | 115       |

## Departure and arrival routes

Transition altitude 3323ft

| SID end points         | distance | outbound direction |
|------------------------|----------|--------------------|
| <b>RW06</b>            |          |                    |
| NERI3M, NERI3K, NERI3H | 27.0     | 38°                |
| RUSN3M, RUSN3K, RUSN3H | 35.7     | 68°                |
| ITVU3M, ITVU3H, ITVU3K | 41.5     | 77°                |
| KRAK3M                 | 74.0     | 89°                |
| RILE3K, RILE3H         | 22.9     | 89°                |
| NIFA3U, NIFA3K, NIFA3H | 21.8     | 96°                |
| LAKO3M                 | 76.2     | 96°                |
| NEDR3H, NEDR3U, NEDR3K | 22.2     | 109°               |
| GOLA3M                 | 64.3     | 109°               |
| RUTA3H, RUTA3K, RUTA3U | 16.3     | 168°               |
| GITO3M                 | 31.5     | 169°               |
| URAM3U, URAM3H, URAM3K | 26.8     | 245°               |
| GOME3M                 | 42.0     | 245°               |
| TARU3H, TARU3K, TARU3M | 34.2     | 271°               |
| PELU3M, PELU3K, PELU3H | 18.1     | 314°               |
| TURI3M, TURI3K, TURI3H | 25.3     | 356°               |
| <b>RW24</b>            |          |                    |
| NERI3L, NERI3N, NERI3J | 27.0     | 38°                |
| RUSN3J, RUSN3L, RUSN3N | 35.7     | 68°                |
| ITVU3J, ITVU3L, ITVU3N | 41.5     | 77°                |
| KRAK3R, KRAK3N         | 74.0     | 89°                |
| RILE3J, RILE3L         | 22.9     | 89°                |
| LAKO3N, LAKO3R         | 76.2     | 96°                |

|                                |      |      |
|--------------------------------|------|------|
| NIFA3L, NIFA3J, NIFA3T         | 21.8 | 96°  |
| NEDR3T, NEDR3J, NEDR3L         | 22.2 | 109° |
| GOLA3N, GOLA3R                 | 64.3 | 109° |
| RUTA3T, RUTA3L, RUTA3J         | 16.3 | 168° |
| GITO3R, GITO3N                 | 31.5 | 169° |
| GOME3N, GOME3R                 | 42.0 | 245° |
| URAM3L, URAM3T, URAM3J         | 26.8 | 245° |
| TARU3R, TARU3N, TARU3L, TARU3J | 34.2 | 271° |
| PELU3N, PELU3J, PELU3L         | 18.1 | 314° |
| TURI3J, TURI3L, TURI3N         | 25.3 | 356° |

| <b>STAR starting points</b>            | <b>distance</b> | <b>inbound direction</b> |
|----------------------------------------|-----------------|--------------------------|
| <b>RW06</b>                            |                 |                          |
| GOME3Z, GOME3F, GOME3Y                 | 42.0            | 65°                      |
| URAM3D, URAM3A                         | 26.8            | 65°                      |
| TARU3D, TARU3F, TARU3Y, TARU3A         | 34.2            | 91°                      |
| PELU3A, PELU3D, PELU3F                 | 18.1            | 134°                     |
| TURI3D, TURI3F, TURI3A                 | 25.3            | 176°                     |
| NERI3D, NERI3F, NERI3A                 | 27.0            | 218°                     |
| RUSN3F, RUSN3D, RUSN3A                 | 35.7            | 248°                     |
| ITVU3F, ITVU3D                         | 41.5            | 257°                     |
| KRAK3F, KRAK3Y                         | 74.0            | 269°                     |
| NIFA3A                                 | 21.8            | 276°                     |
| LAKO3Y, LAKO3F                         | 76.2            | 276°                     |
| GOLA3F, GOLA3Y                         | 64.3            | 289°                     |
| NEDR3A                                 | 22.2            | 289°                     |
| RUTA3A                                 | 16.3            | 348°                     |
| GITO3F, GITO3Y                         | 31.5            | 349°                     |
| <b>RW24</b>                            |                 |                          |
| URAM3B, URAM3C, URAM3E                 | 26.8            | 65°                      |
| GOME3X, GOME3G                         | 42.0            | 65°                      |
| TARU3B, TARU3G, TARU3E, TARU3C         | 34.2            | 91°                      |
| PELU3C, PELU3G, PELU3B                 | 18.1            | 134°                     |
| TURI3B, TURI3E, TURI3G, TURI3C         | 25.3            | 176°                     |
| NERI3G, NERI3E, NERI3B, NERI3C         | 27.0            | 218°                     |
| RUSN3B, RUSN3G, RUSN3C                 | 35.7            | 248°                     |
| ITVU3G, ITVU3E, ITVU3X, ITVU3C, ITVU3B | 41.5            | 257°                     |
| RILE3C, RILE3B                         | 22.9            | 269°                     |
| KRAK3G                                 | 74.0            | 269°                     |
| NIFA3B, NIFA3C                         | 21.8            | 276°                     |
| LAKO3G                                 | 76.2            | 276°                     |
| GOLA3G                                 | 64.3            | 289°                     |
| NEDR3C, NEDR3B                         | 22.2            | 289°                     |
| RUTA3B, RUTA3C                         | 16.3            | 348°                     |
| GITO3G                                 | 31.5            | 349°                     |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude            | leg             | speed limit |
|-----------|---------|------|-------|------------|---------------------|-----------------|-------------|
| GITO3F    | KK516   | VHF  | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| GITO3G    | KK720   | VHF  | left  | 83 (263)°  | 1500ft -<br>10000ft | 1.0min<br>timed | 220         |
| GOLA3F    | KK516   | VHF  | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| GOLA3G    | KK720   | VHF  | left  | 83 (263)°  | 1500ft -<br>10000ft | 1.0min<br>timed | 220         |
| GOME3F    | KK516   | VHF  | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| GOME3G    | KK720   | VHF  | left  | 83 (263)°  | 1500ft -<br>10000ft | 1.0min<br>timed | 220         |
| GOME3X    | KK717   | VHF  | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| GOME3X    | KK725   | VHF  | right | 241 (61)°  | 1300ft -<br>7000ft  | 1.0min<br>timed | 220         |
| GOME3Z    | KK509   | VHF  | right | 86 (266)°  | 1300ft -<br>11000ft | 1.0min<br>timed | 220         |
| ITVU3A    | K       | VHF  | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules  |
| ITVU3B    | K       | VHF  | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules  |
| ITVU3C    | KR      | FIX  | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules  |
| ITVU3F    | KK516   | VHF  | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| ITVU3G    | KK717   | VHF  | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| ITVU3X    | D063L   | VHF  | right | 63 (243)°  | 1300ft -<br>7000ft  | 1.0min<br>timed | 215         |
| KRAK3F    | KK516   | VHF  | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| KRAK3G    | KK720   | VHF  | left  | 83 (263)°  | 1500ft -<br>10000ft | 1.0min<br>timed | 220         |
| LAKO3F    | KK516   | VHF  | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220         |
| LAKO3G    | KK720   | VHF  | left  | 83 (263)°  | 1500ft -<br>10000ft | 1.0min<br>timed | 220         |
| NEDR3A    | K       | VHF  | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules  |
| NEDR3B    | K       | VHF  | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules  |
| NEDR3C    | KR      | FIX  | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules  |
| NERI3A    | K       | VHF  | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules  |
| NERI3B    | K       | VHF  | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules  |

|        |       |     |       |            |                     |                 |            |
|--------|-------|-----|-------|------------|---------------------|-----------------|------------|
| NERI3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| NERI3F | KK509 | VHF | right | 86 (266)°  | 1300ft -<br>11000ft | 1.0min<br>timed | 220        |
| NERI3G | KK717 | VHF | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220        |
| NIFA3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| NIFA3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| NIFA3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| PELU3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| PELU3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| PELU3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| PELU3F | KK509 | VHF | right | 86 (266)°  | 1300ft -<br>11000ft | 1.0min<br>timed | 220        |
| PELU3G | KK717 | VHF | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220        |
| PELU3G | KK725 | VHF | right | 241 (61)°  | 1300ft -<br>7000ft  | 1.0min<br>timed | 220        |
| RILE3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| RILE3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| RILE3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| RUSN3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| RUSN3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| RUSN3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| RUSN3D | D048L | VHF | right | 48 (228)°  | 1300ft -<br>7000ft  | 1.0min<br>timed | 225        |
| RUSN3F | KK516 | VHF | right | 86 (266)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220        |
| RUSN3G | KK717 | VHF | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220        |
| RUTA3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| RUTA3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| RUTA3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| TARU3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| TARU3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |

|        |       |     |       |            |                     |                 |            |
|--------|-------|-----|-------|------------|---------------------|-----------------|------------|
| TARU3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| TARU3F | KK509 | VHF | right | 86 (266)°  | 1300ft -<br>11000ft | 1.0min<br>timed | 220        |
| TARU3G | KK717 | VHF | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220        |
| TARU3G | KK725 | VHF | right | 241 (61)°  | 1300ft -<br>7000ft  | 1.0min<br>timed | 220        |
| TURI3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| TURI3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| TURI3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |
| TURI3F | KK509 | VHF | right | 86 (266)°  | 1300ft -<br>11000ft | 1.0min<br>timed | 220        |
| TURI3G | KK717 | VHF | left  | 90 (270)°  | 1300ft -<br>10000ft | 1.0min<br>timed | 220        |
| URAM3A | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| URAM3B | K     | VHF | right | 346 (166)° | > 6000ft            | 1.5min<br>timed | ICAO rules |
| URAM3C | KR    | FIX | right | 60 (240)°  | > 1300ft            | 1.0min<br>timed | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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