

# UUBW - Zhukovsky - Zhukovsky International

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Moscow Oblast      |
| Country     | Russian Federation |
| Region      | UU                 |
| Elevation   | 399ft (122m)       |
| Timezone    | GMT +3             |
| Coordinates | 55.56778, 38.11884 |
| Type        | land               |
| ICAO code   | UUBW               |
| IATA code   | ZIA                |
| FAA code    | n/a                |

## Runway info

|                |                 |
|----------------|-----------------|
| Runway 12 / 30 |                 |
| length         | 4788m (15709ft) |
| bearing        | 117° / 297°     |
| width          | 70m (230ft)     |
| surface        | concrete        |

## Communication

|                                       |         |
|---------------------------------------|---------|
| Zhukovsky International ATIS          | 127.750 |
| Zhukovsky International ATIS          | 127.750 |
| Zhukovsky International ATIS          | 127.750 |
| Zhukovsky International ATIS          | 127.750 |
| Zhukovsky International Gordy Transit | 123.900 |
| Zhukovsky International Gordy Transit | 123.900 |
| Zhukovsky International Gordy Transit | 123.900 |
| Zhukovsky International Gordy Transit | 123.900 |
| Zhukovsky International Gordy         | 125.250 |
| Ground Control                        |         |
| Zhukovsky International Gordy         | 124.000 |
| Ground 2                              |         |
| Zhukovsky International Gordy         | 125.250 |
| Ground Control                        |         |
| Zhukovsky International Gordy         | 125.250 |
| Ground Control                        |         |
| Zhukovsky International Gordy         | 125.250 |
| Ground Control                        |         |
| Zhukovsky International Gordy         | 124.000 |
| Ground 2                              |         |
| Zhukovsky International Gordy         | 124.000 |
| Ground 2                              |         |

|                                       |         |
|---------------------------------------|---------|
| Zhukovsky Internationl Gordy Ground 2 | 124.000 |
| Zhukovsky Internationl Ctrl Tower     | 128.800 |
| Zhukovsky Internationl Ctrl Tower     | 128.800 |
| Zhukovsky Internationl Ctrl Tower     | 128.800 |
| Zhukovsky Internationl Ctrl Tower     | 128.800 |
| Zhukovsky Internationl Gordy Radar    | 124.000 |
| Zhukovsky Internationl Gordy Radar    | 124.000 |
| Zhukovsky Internationl Gordy Radar    | 124.000 |
| Zhukovsky Internationl Gordy Radar    | 124.000 |

## Approach frequencies

|           |    |       |         |
|-----------|----|-------|---------|
| ILS-cat-I | 30 | 110.9 | 18.00mi |
| 3° GS     | 30 | 110.9 | 18.00mi |

## Nearby beacons

| code | identifier                  | dist | bearing | frequency |
|------|-----------------------------|------|---------|-----------|
| D    | RAMENSKOYE NDB              | 0.1  | 307.3°  | 11.850    |
| RT   | RAMENSKOYE VOR/DME          | 1.9  | 118°    | 117.90    |
| LP   | DME                         | 2.9  | 259.7°  | 109.20    |
| DM   | RAMENSKOYE NDB              | 3.3  | 296.9°  | 581       |
| R    | RAMENSKOYE NDB              | 3.3  | 116.3°  | 760       |
| RT   | RAMENSKOYE NDB              | 5.2  | 116.4°  | 370       |
| MRN  | DME                         | 9.3  | 37.3°   | 112.50    |
| RW   | MARYINO NDB                 | 9.3  | 37.2°   | 493       |
| WT   | KARTINO NDB                 | 11.3 | 273.6°  | 12.150    |
| DM   | DOMODEDOVO (MOSCOW) NDB     | 12   | 241.4°  | 320       |
| DMD  | DOMODEDOVO (MOSCOW) VOR/DME | 12.8 | 229.1°  | 113.30    |
| DO   | DOMODEDOVO (MOSCOW) NDB     | 12.9 | 228.6°  | 659       |
| PS   | OSTAFYEVO (OSTAVYEVO) NDB   | 18.5 | 264°    | 625       |
| P    | OSTAFYEVO (OSTAVYEVO) NDB   | 20.2 | 264.2°  | 305       |
| N    | OSTAFYEVO NDB               | 22.2 | 264.5°  | 305       |
| NW   | OSTAFYEVO NDB               | 23.5 | 264.6°  | 625       |
| LO   | KLIMOVSK NDB                | 23.9 | 249.8°  | 10.050    |
| BP   | CHELOBITYEVO NDB            | 25   | 306.7°  | 680       |
| AO   | AKSINYINO NDB               | 25.5 | 157.7°  | 732       |
| DK   | GLOTAYEVO NDB               | 26.6 | 218.2°  |           |
| GLW  | DME                         | 26.6 | 218.3°  | 113.50    |
| OB   | VNUKOVO (MOSCOW) NDB        | 27.6 | 272.3°  | 852       |
| SX   | VNUKOVO (MOSCOW) NDB        | 28.5 | 273.5°  | 914       |
| WNK  | VNUKOVO VOR/DME             | 29.3 | 271.3°  | 113.70    |
| OE   | VNUKOVO (MOSCOW) NDB        | 29.4 | 270.7°  | 949       |
| GT   | VNUKOVO (MOSCOW) NDB        | 30.3 | 271°    | 294       |
| BW   | SHEREMETYEVO (MOSCOW) NDB   | 32.4 | 304.2°  | 380       |
| AD   | SHEREMETYEVO (MOSCOW) NDB   | 32.6 | 304°    | 700       |
| KS   | OPALIKHA NDB                | 32.6 | 286.9°  | 565       |

|     |                               |      |        |        |
|-----|-------------------------------|------|--------|--------|
| OPH | DME-ILS                       | 32.6 | 286.8° | 109.70 |
| B   | SHEREMETYEVO (MOSCOW) NDB     | 33.1 | 301.9° | 770    |
| A   | SHEREMETYEVO (MOSCOW) NDB     | 33.3 | 302°   | 338    |
| DR  | SKURYGINO NDB                 | 33.4 | 244.6° | 415    |
| N   | SHEREMETYEVO (MOSCOW) NDB     | 34.7 | 298°   | 770    |
| M   | SHEREMETYEVO (MOSCOW) NDB     | 34.8 | 298.1° | 338    |
| ER  | SHEREMETYEVO NDB              | 35.3 | 300.1° | 794    |
| NL  | SHEREMETYEVO (MOSCOW) NDB     | 35.5 | 296.2° | 380    |
| MR  | SHEREMETYEVO (MOSCOW) NDB     | 35.7 | 296.2° | 700    |
| MR  | SHEREMETYEVO (MOSCOW) VOR/DME | 36.3 | 297.4° | 114.60 |
| IKO | DME                           | 46.1 | 330.9° | 113.20 |
| KN  | KOSTINO NDB                   | 46.1 | 330.9° | 642    |
| SW  | SAVELOVO NDB                  | 53.3 | 319.3° | 12.850 |
| SWO | DME                           | 53.3 | 319.3° | 111.80 |
| IN  | SUKHOTINO NDB                 | 63.7 | 219.6° | 10.550 |

## Departure and arrival routes

Transition altitude

4341ft

### SID end points

distance

outbound direction

RW12

|                |      |      |
|----------------|------|------|
| RILP2X, RILP2W | 78.5 | 7°   |
| OLMU2X, OLMU2W | 57.1 | 70°  |
| KOGO2X, KOGO2W | 58.2 | 75°  |
| TOGM2X, TOGM2W | 77.4 | 142° |
| LINR2X, LINR2W | 73.5 | 174° |
| SOTO2W, SOTO2X | 71.1 | 240° |
| POKA2X, POKA2W | 87.2 | 271° |
| SUNU2W, SUNU2X | 75.7 | 286° |

RW30

|                |      |      |
|----------------|------|------|
| RILP2B, RILP2A | 78.5 | 7°   |
| OLMU2A, OLMU2B | 57.1 | 70°  |
| KOGO2B, KOGO2A | 58.2 | 75°  |
| TOGM2B, TOGM2A | 77.4 | 142° |
| LINR2B, LINR2A | 73.5 | 174° |
| SOTO2A, SOTO2B | 71.1 | 240° |
| POKA2B, POKA2A | 87.2 | 271° |
| SUNU2A, SUNU2B | 75.7 | 286° |

### STAR starting points

distance

inbound direction

ALL

|                |      |      |
|----------------|------|------|
| TENR2W         | 64.7 | 31°  |
| BILR2W         | 87.2 | 86°  |
| ESOL2B, ESOL2W | 83.2 | 140° |
| ROMT2B, ROMT2W | 93.4 | 165° |
| URAG2W, URAG2B | 63.8 | 271° |
| OLOP2W         | 84.5 | 330° |

|      |                        |      |      |
|------|------------------------|------|------|
| RW12 | URAG2A                 | 24.0 | 275° |
|      | BILR2A, OLOP2A, TENR2A | 32.4 | 315° |
| RW30 | URAG2A                 | 24.0 | 275° |
|      | TENR2A, OLOP2A, BILR2A | 32.4 | 315° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude             | leg             | speed limit |
|-----------|---------|------|-------|------------|----------------------|-----------------|-------------|
| BILR2A    | NUKDI   | VHF  | left  | 253 (73)°  | 23000ft -<br>27000ft | 1.5min<br>timed | ICAO rules  |
| BILR2A    | PREKI   | VHF  | right | 271 (91)°  | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| BILR2A    | RT      | FIX  | left  | 120 (300)° | 4320ft -<br>9240ft   | 1.0min<br>timed | 230         |
| BILR2W    | NUKDI   | VHF  | left  | 253 (73)°  | 23000ft -<br>27000ft | 1.5min<br>timed | ICAO rules  |
| BILR2W    | PREKI   | VHF  | right | 271 (91)°  | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| ESOL2A    | RATKE   | VHF  | right | 351 (171)° | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| ESOL2A    | RT      | FIX  | left  | 120 (300)° | 4320ft -<br>9240ft   | 1.0min<br>timed | 230         |
| ESOL2A    | SUBOD   | VHF  | right | 10 (190)°  | 21000ft -<br>27000ft | 1.5min<br>timed | ICAO rules  |
| ESOL2B    | RATKE   | VHF  | right | 351 (171)° | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| ESOL2B    | SUBOD   | VHF  | right | 10 (190)°  | 21000ft -<br>27000ft | 1.5min<br>timed | ICAO rules  |
| ESOL2W    | RATKE   | VHF  | right | 351 (171)° | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| ESOL2W    | SUBOD   | VHF  | right | 10 (190)°  | 21000ft -<br>27000ft | 1.5min<br>timed | ICAO rules  |
| OLOP2A    | POZUK   | VHF  | right | 135 (315)° | 23000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| OLOP2A    | RIFMA   | VHF  | left  | 143 (323)° | 25000ft -<br>28000ft | 1.5min<br>timed | ICAO rules  |
| OLOP2A    | RT      | FIX  | left  | 120 (300)° | 4320ft -<br>9240ft   | 1.0min<br>timed | 230         |
| OLOP2W    | POZUK   | VHF  | right | 135 (315)° | 23000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| OLOP2W    | RIFMA   | VHF  | left  | 143 (323)° | 25000ft -<br>28000ft | 1.5min<br>timed | ICAO rules  |
| ROMT2A    | FILZI   | VHF  | right | 352 (172)° | 25000ft -<br>28000ft | 1.5min<br>timed | ICAO rules  |
| ROMT2A    | RATKE   | VHF  | right | 351 (171)° | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules  |
| ROMT2A    | RT      | FIX  | left  | 120 (300)° | 4320ft -<br>9240ft   | 1.0min<br>timed | 230         |

|        |       |     |       |            |                      |                 |            |
|--------|-------|-----|-------|------------|----------------------|-----------------|------------|
| ROMT2B | FILZI | VHF | right | 352 (172)° | 25000ft -<br>28000ft | 1.5min<br>timed | ICAO rules |
| ROMT2B | RATKE | VHF | right | 351 (171)° | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules |
| ROMT2W | FILZI | VHF | right | 352 (172)° | 25000ft -<br>28000ft | 1.5min<br>timed | ICAO rules |
| ROMT2W | RATKE | VHF | right | 351 (171)° | 21000ft -<br>25000ft | 1.5min<br>timed | ICAO rules |
| TENR2A | POZUK | VHF | right | 135 (315)° | 23000ft -<br>25000ft | 1.5min<br>timed | ICAO rules |
| TENR2A | RT    | FIX | left  | 120 (300)° | 4320ft -<br>9240ft   | 1.0min<br>timed | 230        |
| TENR2W | POZUK | VHF | right | 135 (315)° | 23000ft -<br>25000ft | 1.5min<br>timed | ICAO rules |
| URAG2A | ORVOZ | VHF | right | 85 (265)°  | 11000ft -<br>24000ft | 1.5min<br>timed | ICAO rules |
| URAG2A | RT    | FIX | left  | 120 (300)° | 4320ft -<br>9240ft   | 1.0min<br>timed | 230        |
| URAG2B | ORVOZ | VHF | right | 85 (265)°  | 11000ft -<br>24000ft | 1.5min<br>timed | ICAO rules |
| URAG2W | ORVOZ | VHF | right | 85 (265)°  | 11000ft -<br>24000ft | 1.5min<br>timed | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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