

# UAAA - Almaty - Almaty Intl

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Almaty Region      |
| Country     | Kazakhstan         |
| Region      | UA                 |
| Elevation   | 2229ft (679m)      |
| Timezone    | GMT +6             |
| Coordinates | 43.35556, 77.04389 |
| Type        | land               |
| ICAO code   | UAAA               |
| IATA code   | ALA                |
| FAA code    | n/a                |

## Runway info

|                  |                             |
|------------------|-----------------------------|
| Runway 05R / 23L |                             |
| length           | 4384m (14383ft)             |
| bearing          | 64° / 244°                  |
| width            | 45m (148ft)                 |
| surface          | asphalt                     |
| blast zone       | 81m (266ft) / 78m (256ft)   |
| Runway 05L / 23R |                             |
| length           | 4489m (14728ft)             |
| bearing          | 64° / 244°                  |
| width            | 45m (148ft)                 |
| surface          | concrete                    |
| blast zone       | 125m (410ft) / 118m (387ft) |

## Communication

|                                |         |
|--------------------------------|---------|
| Almaty Intl ALMATY ATIS EN     | 129.800 |
| Almaty Intl ALMATY ATIS RU     | 135.100 |
| Almaty Intl ALMATY ATIS EN     | 129.800 |
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| Almaty Intl ALMATY ATIS RU     | 135.100 |
| Almaty Intl ALMATY_TAXIING GND | 121.700 |
| Almaty Intl ALMATY_TAXIING GND | 121.700 |
| Almaty Intl ALMATY_TAXIING GND | 121.700 |
| Almaty Intl ALMATY_TAXIING GND | 121.700 |
| Almaty Intl ALMATY TWR         | 119.400 |
| Almaty Intl ALMATY TWR         | 119.400 |
| Almaty Intl ALMATY TWR         | 119.400 |

|                        |         |
|------------------------|---------|
| Almaty Intl ALMATY TWR | 119.400 |
| Almaty Intl ALMATY APP | 124.800 |
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## Approach frequencies

|             |     |       |         |
|-------------|-----|-------|---------|
| ILS-cat-III | 23R | 111.3 | 18.00mi |
| ILS-cat-III | 23L | 108.1 | 18.00mi |
| ILS-cat-I   | 05R | 110.3 | 18.00mi |
| ILS-cat-I   | 05L | 109.1 | 18.00mi |
| 3° GS       | 23R | 111.3 | 18.00mi |
| 3° GS       | 23L | 108.1 | 18.00mi |
| 3° GS       | 05R | 110.3 | 18.00mi |
| 3° GS       | 05L | 109.1 | 18.00mi |

## Nearby beacons

| code | identifier        | dist | bearing | frequency |
|------|-------------------|------|---------|-----------|
| A    | ALMATY NDB        | 1.5  | 65.5°   | 763       |
| ATA  | ALMATY VOR/DME    | 2.1  | 62.4°   | 116.40    |
| LP   | CHOLPON-ATA NDB   | 43.3 | 178.3°  |           |
| ILK  | ISSYK-KUL VOR/DME | 49.4 | 205.5°  | 114       |

## Departure and arrival routes

|                     |        |
|---------------------|--------|
| Transition altitude | 5187ft |
| Transition level    | 7000ft |

| SID end points | distance | outbound direction |
|----------------|----------|--------------------|
| RW05 (ALL)     |          |                    |
| DESO5F         | 67.0     | 44°                |
| PIGA6E         | 46.4     | 78°                |
| LAKE5E         | 10.7     | 221°               |
| EKLA1E         | 65.5     | 271°               |
| RISA5E         | 63.1     | 316°               |
| RW05L          |          |                    |
| DESO1B         | 67.0     | 44°                |
| DOTA1A         | 66.8     | 55°                |
| ALUG1A         | 54.4     | 68°                |
| LAKE1B         | 10.7     | 221°               |
| EKLA1B         | 65.5     | 271°               |

|            |                |      |      |
|------------|----------------|------|------|
| RW05R      | ETED1B         | 63.0 | 333° |
|            | DESO1B         | 67.0 | 44°  |
|            | DOTA1A         | 66.8 | 55°  |
|            | ALUG1A         | 54.4 | 68°  |
|            | LAKE1B         | 10.7 | 221° |
|            | EKLA1B         | 65.5 | 271° |
|            | ETED1B         | 63.0 | 333° |
| RW23 (ALL) |                |      |      |
|            | DESO5G         | 67.0 | 44°  |
|            | PIGA6H         | 46.4 | 78°  |
|            | LAKE5G         | 10.7 | 221° |
|            | TIPS1G         | 68.0 | 280° |
|            | AGUN5G         | 66.1 | 297° |
| RW23L      |                |      |      |
|            | GOGD1E, GOGD1A | 66.3 | 20°  |
|            | DESO1E         | 67.0 | 44°  |
|            | DOTA1J, DOTA1F | 66.8 | 55°  |
|            | PIGA1A         | 46.4 | 78°  |
|            | LAKE1F         | 10.7 | 221° |
|            | TIPS1A         | 68.0 | 280° |
|            | TUKT1A         | 63.7 | 313° |
|            | ETED1J         | 63.0 | 333° |
| RW23R      |                |      |      |
|            | GOGD1E, GOGD1A | 66.3 | 20°  |
|            | DESO1E         | 67.0 | 44°  |
|            | DOTA1J, DOTA1F | 66.8 | 55°  |
|            | PIGA1A         | 46.4 | 78°  |
|            | LAKE1F         | 10.7 | 221° |
|            | TIPS1A         | 68.0 | 280° |
|            | TUKT1A         | 63.7 | 313° |
|            | ETED1J         | 63.0 | 333° |

| STAR starting points | distance | inbound direction |
|----------------------|----------|-------------------|
|----------------------|----------|-------------------|

|                                |      |      |
|--------------------------------|------|------|
| RW05 (ALL)                     |      |      |
| LAKE5K, LAKE5A, LAKE1J         | 10.7 | 41°  |
| TIPS1K, TIPS1S, TIPS1D, TIPS1X | 68.0 | 100° |
| AGUN5A, AGUN5K                 | 66.1 | 117° |
| TUKT1D, TUKT1X                 | 63.7 | 133° |
| ETED1X, ETED1P                 | 63.0 | 153° |
| GOGD1X, GOGD1J, GOGD1M, GOGD1Y | 66.3 | 200° |
| DESO1X, DESO5K                 | 67.0 | 224° |
| DESO1J                         | 56.0 | 226° |
| DOTA1N, DOTA1Y, DOTA1X, DOTA1P | 66.8 | 235° |
| DESO5A                         | 24.4 | 244° |
| ALUG3B, ALUG3K                 | 54.4 | 248° |
| PIGA1F                         | 35.1 | 253° |
| PIGA1X                         | 46.4 | 258° |

## RW23 (ALL)

|                                |      |      |
|--------------------------------|------|------|
| LAKE5C, LAKE5L, LAKE1M         | 10.7 | 41°  |
| EKLA1Z, EKLA1D, EKLA1C, EKLA1L | 65.5 | 91°  |
| BEKR1D, BEKR1Z                 | 66.0 | 108° |
| TUKT1Z, TUKT1G                 | 63.7 | 133° |
| RISA5C, RISA5L                 | 63.1 | 136° |
| ETED1Q, ETED1Z, ETED1W, ETED1R | 63.0 | 153° |
| GOGD1N, GOGD1Z                 | 66.3 | 200° |
| DESO1M, DESO1Z, DESO5D         | 67.0 | 224° |
| DOTA1Q, DOTA1Z                 | 66.8 | 235° |
| DESO5L, ALUG3L                 | 24.4 | 244° |
| ALUG3C, ALUG1Z, ALUG1E         | 54.4 | 248° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude             | leg             | speed limit |
|-----------|---------|------|-------|------------|----------------------|-----------------|-------------|
| AGUN5A    | USUGA   | VHF  | right | 289 (109)° | > 8000ft             | 1.0min<br>timed | ICAO rules  |
| AGUN5K    | ATA     | NDB  | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| ALUG1E    | AA231   | VHF  | left  | 51 (231)°  | 14000ft -<br>16000ft | 1.5min<br>timed | ICAO rules  |
| ALUG1E    | LEGLA   | VHF  | right | 52 (232)°  | 5300ft -<br>7300ft   | 1.0min<br>timed | ICAO rules  |
| ALUG1E    | TIRBA   | VHF  | left  | 52 (232)°  | 9000ft -<br>10000ft  | 1.0min<br>timed | ICAO rules  |
| ALUG3B    | ATA     | NDB  | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| ALUG3B    | SOPRA   | VHF  | left  | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| ALUG3C    | SOPRA   | VHF  | left  | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| ALUG3K    | ATA     | NDB  | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| ALUG3L    | ATA     | NDB  | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| BEKR1D    | AA215   | VHF  | left  | 273 (93)°  | > 18000ft            | 1.5min<br>timed | ICAO rules  |
| BEKR1D    | ATA     | NDB  | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules  |
| BEKR1D    | LEGLA   | VHF  | right | 52 (232)°  | 5300ft -<br>7300ft   | 1.0min<br>timed | ICAO rules  |
| DESO1J    | AA049   | VHF  | left  | 9 (189)°   | 16000ft -<br>18000ft | 1.5min<br>timed | ICAO rules  |
| DESO1J    | AA050   | VHF  | right | 51 (231)°  | > 20000ft            | 1.5min<br>timed | ICAO rules  |
| DESO1M    | GAKMA   | VHF  | right | 18 (198)°  | > 17000ft            | 1.5min<br>timed | ICAO rules  |
| DESO1M    | LEGLA   | VHF  | right | 52 (232)°  | 5300ft -<br>7300ft   | 1.0min<br>timed | ICAO rules  |

|        |       |     |       |            |                   |              |            |
|--------|-------|-----|-------|------------|-------------------|--------------|------------|
| DESO1M | TIRBA | VHF | left  | 52 (232)°  | 9000ft - 10000ft  | 1.0min timed | ICAO rules |
| DESO5A | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| DESO5K | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| DESO5L | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| DOTA1N | AA049 | VHF | left  | 9 (189)°   | 16000ft - 18000ft | 1.5min timed | ICAO rules |
| DOTA1N | AA050 | VHF | right | 51 (231)°  | > 20000ft         | 1.5min timed | ICAO rules |
| DOTA1P | AA059 | VHF | left  | 342 (162)° | 22000ft - 24000ft | 1.5min timed | ICAO rules |
| DOTA1P | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| DOTA1Q | AA231 | VHF | left  | 51 (231)°  | 14000ft - 16000ft | 1.5min timed | ICAO rules |
| DOTA1Q | LEGLA | VHF | right | 52 (232)°  | 5300ft - 7300ft   | 1.0min timed | ICAO rules |
| DOTA1Q | TIRBA | VHF | left  | 52 (232)°  | 9000ft - 10000ft  | 1.0min timed | ICAO rules |
| EKLA1C | USUGA | VHF | right | 289 (109)° | > 8000ft          | 1.0min timed | ICAO rules |
| EKLA1D | AA215 | VHF | left  | 273 (93)°  | > 18000ft         | 1.5min timed | ICAO rules |
| EKLA1D | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| EKLA1D | LEGLA | VHF | right | 52 (232)°  | 5300ft - 7300ft   | 1.0min timed | ICAO rules |
| EKLA1L | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| ETED1P | AA071 | VHF | right | 341 (161)° | 20000ft - 22000ft | 1.5min timed | ICAO rules |
| ETED1P | AA074 | VHF | right | 342 (162)° | > 12000ft         | 1.0min timed | ICAO rules |
| ETED1Q | AA219 | VHF | left  | 318 (138)° | > 13000ft         | 1.0min timed | ICAO rules |
| ETED1R | AA219 | VHF | left  | 318 (138)° | > 13000ft         | 1.0min timed | ICAO rules |
| GOGD1J | AA049 | VHF | left  | 9 (189)°   | 16000ft - 18000ft | 1.5min timed | ICAO rules |
| GOGD1M | AA059 | VHF | left  | 342 (162)° | 22000ft - 24000ft | 1.5min timed | ICAO rules |
| GOGD1M | ATA   | NDB | right | 51 (231)°  | > 10000ft         | 1.0min timed | ICAO rules |
| GOGD1N | GAKMA | VHF | right | 18 (198)°  | > 17000ft         | 1.5min timed | ICAO rules |
| GOGD1N | LEGLA | VHF | right | 52 (232)°  | 5300ft - 7300ft   | 1.0min timed | ICAO rules |
| GOGD1N | TIRBA | VHF | left  | 52 (232)°  | 9000ft - 10000ft  | 1.0min timed | ICAO rules |

|        |       |     |       |            |                      |                 |            |
|--------|-------|-----|-------|------------|----------------------|-----------------|------------|
| LAKE1J | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| LAKE1M | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| LAKE1M | LEGLA | VHF | right | 52 (232)°  | 5300ft -<br>7300ft   | 1.0min<br>timed | ICAO rules |
| LAKE5A | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| LAKE5C | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| LAKE5K | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| LAKE5L | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| PIGA1F | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| RISA5C | ADABA | VHF | right | 312 (132)° | > 8000ft             | 1.0min<br>timed | ICAO rules |
| RISA5L | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| TIPS1D | AA074 | VHF | right | 342 (162)° | > 12000ft            | 1.0min<br>timed | ICAO rules |
| TIPS1K | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| TIPS1S | USUGA | VHF | right | 289 (109)° | > 8000ft             | 1.0min<br>timed | ICAO rules |
| TUKT1D | AA071 | VHF | right | 341 (161)° | 20000ft -<br>22000ft | 1.5min<br>timed | ICAO rules |
| TUKT1D | AA074 | VHF | right | 342 (162)° | > 12000ft            | 1.0min<br>timed | ICAO rules |
| TUKT1G | AA215 | VHF | left  | 273 (93)°  | > 18000ft            | 1.5min<br>timed | ICAO rules |
| TUKT1G | ATA   | NDB | right | 51 (231)°  | > 10000ft            | 1.0min<br>timed | ICAO rules |
| TUKT1G | LEGLA | VHF | right | 52 (232)°  | 5300ft -<br>7300ft   | 1.0min<br>timed | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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