

UUWW - Moscow - Vnukuvo

Airport details

State	Moscow
Country	Russian Federation
Region	UU
Elevation	685ft (209m)
Timezone	GMT +3
Coordinates	55.59035, 37.24792
Type	land
ICAO code	UUWW
IATA code	VKO
FAA code	n/a

Runway info

Runway 01 / 19	
length	3056m (10026ft)
bearing	37° / 217°
width	45m (148ft)
surface	asphalt
blast zone	43m (141ft) / 46m (151ft)
Runway 06 / 24	
length	3490m (11450ft)
bearing	77° / 257°
width	60m (197ft)
surface	asphalt
blast zone	76m (249ft) / 79m (259ft)

Communication

Vnukuvo ATIS	125.875
Vnukuvo ATIS	125.875
Vnukuvo ATIS	125.875
Vnukuvo ATIS	125.875
Vnukuvo TAXIING	120.450
Vnukuvo TAXIING	120.450
Vnukuvo TAXIING	120.450
Vnukuvo TAXIING	120.450
Vnukuvo TWR	118.300
Vnukuvo TWR	118.300
Vnukuvo TWR	118.300
Vnukuvo TWR	118.300
Vnukuvo RADAR	126.000
Vnukuvo APP	124.400
Vnukuvo APP	129.000

Vnukuvo APP	122.300
Vnukuvo APP	122.300
Vnukuvo APP	129.000
Vnukuvo RADAR	126.000
Vnukuvo APP	122.300
Vnukuvo APP	124.400
Vnukuvo RADAR	126.000
Vnukuvo RADAR	126.000
Vnukuvo APP	129.000
Vnukuvo APP	122.300
Vnukuvo APP	124.400
Vnukuvo APP	129.000
Vnukuvo APP	124.400

Approach frequencies

ILS-cat-III	06	108.9	18.00mi
ILS-cat-III	24	111.1	18.00mi
ILS-cat-II	19	111.5	18.00mi
ILS-cat-I	01	111.7	18.00mi
3° GS	06	108.9	18.00mi
3° GS	24	111.1	18.00mi
3° GS	19	111.5	18.00mi
3° GS	01	111.7	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
WNK	VNUKOVO VOR/DME	0.2	108.4°	113.70
OE	VNUKOVO (MOSCOW) NDB	0.7	162.2°	949
GT	VNUKOVO (MOSCOW) NDB	0.8	253°	294
OB	VNUKOVO (MOSCOW) NDB	2	79°	852
SX	VNUKOVO (MOSCOW) NDB	2	50.2°	914
NW	OSTAFYEVO NDB	8.2	114.6°	625
N	OSTAFYEVO NDB	9.2	110.3°	305
P	OSTAFYEVO (OSTAVYEVO) NDB	10.7	106°	305
PS	OSTAFYEVO (OSTAVYEVO) NDB	12.3	103.1°	625
KS	OPALIKHA NDB	14.1	5.6°	565
OPH	DME-ILS	14.1	5.5°	109.70
LO	KLIMOVSK NDB	17.2	130.6°	10.050
WT	KARTINO NDB	18.2	90.1°	12.150
UM	IVANOVSKOYE NDB	19.8	308.8°	405
NL	SHEREMETYEVO (MOSCOW) NDB	22.2	12.2°	380
MR	SHEREMETYEVO (MOSCOW) NDB	22.3	11.4°	700
N	SHEREMETYEVO (MOSCOW) NDB	22.8	18.3°	770
DM	DOMODEDOVO (MOSCOW) NDB	23	104.7°	320
M	SHEREMETYEVO (MOSCOW) NDB	23	18.2°	338
DR	SKURYGINO NDB	23.1	162.9°	415

MR	SHEREMETYEVO (MOSCOW) VOR/DME	23.4	11.6°	114.60
BP	CHELOBITYEVO NDB	23.5	53.8°	680
IKM	DME	23.7	214.4°	111.60
WZ	KAMENKA NDB	23.7	214.5°	230
B	SHEREMETYEVO (MOSCOW) NDB	24.3	28.8°	770
A	SHEREMETYEVO (MOSCOW) NDB	24.4	28.4°	338
ER	SHEREMETYEVO NDB	24.5	19.7°	794
AD	SHEREMETYEVO (MOSCOW) NDB	25.2	32.4°	700
BW	SHEREMETYEVO (MOSCOW) NDB	25.2	33.2°	380
DMD	DOMODEDOVO (MOSCOW) VOR/DME	25.6	106.9°	113.30
DO	DOMODEDOVO (MOSCOW) NDB	25.7	107°	659
LP	DME	26.8	92.7°	109.20
DM	RAMENSKOYE NDB	27	88.9°	581
AR	BUZHAROVO NDB	28	311.2°	
D	RAMENSKOYE NDB	29.4	91.3°	11.850
RT	RAMENSKOYE VOR/DME	31	92.8°	117.90
DK	GLOTAYEVO NDB	31.8	127.8°	
GLW	DME	31.8	127.8°	113.50
R	RAMENSKOYE NDB	32.3	93.6°	760
RT	RAMENSKOYE NDB	33.8	94.6°	370
RW	MARYINO NDB	33.9	82.9°	493
MRN	DME	34	82.9°	112.50
KN	KOSTINO NDB	45.4	33°	642
IKO	DME	45.5	33°	113.20
SWO	DME	47	13.2°	111.80
SW	SAVELOVO NDB	47.1	13.2°	12.850
IN	SUKHOTINO NDB	59	175.5°	10.550

Departure and arrival routes

Transition altitude 3967ft

SID end points	distance	outbound direction
RW01		
RILP3W, RILP3A	84.2	39°
OLMU3W, OLMU3A	82.9	78°
KOGO3W, KOGO3A	85.1	81°
TOGM3A	94.6	124°
EMGA3A	70.9	152°
SOTO3W, SOTO3A	55.4	215°
POKA3W, POKA3A	57.6	271°
SUNU3A, SUNU3W	50.5	296°
RW06		
RILP3B	84.2	39°
OLMU3B, OLMU3X	82.9	78°
KOGO3B, KOGO3X	85.1	81°
TOGM3B	94.6	124°
EMGA3B	70.9	152°
SOTO3B, SOTO3X	55.4	215°

RW19	POKA3B	57.6	271°
	SUNU3B	50.5	296°
	RILP3Y, RILP3C	84.2	39°
	OLMU3C	82.9	78°
	KOGO3C	85.1	81°
	TOGM3Y, TOGM3C	94.6	124°
	EMGA3Y, EMGA3C	70.9	152°
	SOTO3Y, SOTO3C	55.4	215°
RW24	POKA3Y, POKA3C	57.6	271°
	SUNU3C, SUNU3Y	50.5	296°
	RILP3Z, RILP3D	84.2	39°
	OLMU3D	82.9	78°
	KOGO3D	85.1	81°
	TOGM3D, TOGM3Z	94.6	124°
	EMGA3Z, EMGA3D	70.9	152°
	SOTO3D, SOTO3Z	55.4	215°
	POKA3D, POKA3Z	57.6	271°
	SUNU3D, SUNU3Z	50.5	296°

STAR starting points

ALL

	distance	inbound direction
BILR3A, BILR3B	58.1	83°
BEKI3A, BEKI3B	62.8	149°
ROMT3B, ROMT3A	92.4	197°
DIMG3A, DIMG3B	87.6	265°
OLOP3B, OLOP3A	99.4	309°
LEKD3B, LEKD3A	58.5	359°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BEKI3A	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
BEKI3A	SORUK	VHF	left	335 (155)°	17000ft - 27000ft	1.5min timed	ICAO rules
BEKI3B	FAMLA	VHF	right	307 (127)°	17000ft - 27000ft	1.5min timed	ICAO rules
BEKI3B	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
BILR3A	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
BILR3A	LERTE	VHF	right	272 (92)°	7000ft - 13000ft	1.0min timed	ICAO rules
BILR3B	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules

BILR3B	LERTE	VHF	right	272 (92)°	7000ft - 13000ft	1.0min timed	ICAO rules
DIMG3A	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
DIMG3A	MEFED	VHF	left	72 (252)°	22000ft - 28000ft	1.5min timed	ICAO rules
DIMG3A	TEBDI	VHF	right	351 (171)°	10000ft - 12000ft	1.0min timed	ICAO rules
DIMG3A	VIVZO	VHF	left	72 (252)°	22000ft - 28000ft	1.5min timed	ICAO rules
DIMG3B	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
DIMG3B	MEFED	VHF	left	72 (252)°	22000ft - 28000ft	1.5min timed	ICAO rules
DIMG3B	TEBDI	VHF	right	351 (171)°	10000ft - 12000ft	1.0min timed	ICAO rules
DIMG3B	VIVZO	VHF	left	72 (252)°	22000ft - 28000ft	1.5min timed	ICAO rules
LEKD3A	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
LEKD3A	REKRO	VHF	left	186 (6)°	9000ft - 12000ft	1.0min timed	ICAO rules
LEKD3B	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
LEKD3B	REKRO	VHF	left	186 (6)°	9000ft - 12000ft	1.0min timed	ICAO rules
OLOP3A	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
OLOP3A	POZUK	VHF	right	135 (315)°	23000ft - 25000ft	1.5min timed	ICAO rules
OLOP3A	RIFMA	VHF	left	143 (323)°	25000ft - 28000ft	1.5min timed	ICAO rules
OLOP3A	TEBDI	VHF	right	351 (171)°	10000ft - 12000ft	1.0min timed	ICAO rules
OLOP3A	TOSLA	VHF	left	132 (312)°	20000ft - 23000ft	1.5min timed	ICAO rules
OLOP3B	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
OLOP3B	POZUK	VHF	right	135 (315)°	23000ft - 25000ft	1.5min timed	ICAO rules
OLOP3B	RIFMA	VHF	left	143 (323)°	25000ft - 28000ft	1.5min timed	ICAO rules
OLOP3B	TEBDI	VHF	right	351 (171)°	10000ft - 12000ft	1.0min timed	ICAO rules
OLOP3B	TOSLA	VHF	left	132 (312)°	20000ft - 23000ft	1.5min timed	ICAO rules
ROMT3A	FAMLA	VHF	right	307 (127)°	17000ft - 27000ft	1.5min timed	ICAO rules
ROMT3A	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
ROMT3A	SUBOD	VHF	right	10 (190)°	21000ft - 27000ft	1.5min timed	ICAO rules

ROMT3B	FIDOT	VHF	left	171 (351)°	4000ft - 7000ft	1.0min timed	ICAO rules
ROMT3B	SORUK	VHF	left	335 (155)°	17000ft - 27000ft	1.5min timed	ICAO rules
ROMT3B	SUBOD	VHF	right	10 (190)°	21000ft - 27000ft	1.5min timed	ICAO rules

*) magnetic outbound (inbound) holding course

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