VNUKOVO TOWER	118.300
VNUKOVO RADAR	123.400 126.000
MOSCOW APPROACH	127.200 128.000 134.000 131.200

PZ - 90.11 coordinates

TRANSITION LEVEL: ❶

BEKIP 3A, BILRU 3A, ROMTA 3A

RNAV 1

DME/DME or GNSS is required

NOT TO SCALE

BEKIP
FL260-FL270
IAS 270KT/500km/h

ROMTA
FL240-FL250
IAS 270KT/500km/h

TAZOL
FL200-FL220
IAS 270KT/500km/h

SUBOD

AGMER
FL200
IAS 270KT/500km/h

FAMLA

SORUK

ODNEL
FL170
IAS 270KT/500km/h

GIGUN
FL150-FL160
IAS 250KT/465km/h

ASLEK
FL120-FL130
IAS 250KT/465km/h

BUPOS
9000 '/(2555) -
-10000 '/(2860)
IAS 250KT/465km/h

NUKDI
FL140-FL150
IAS 270KT/500km/h

PREKI
FL110 or above
IAS 270KT/500km/h

BILRU
FL170-FL180
IAS 270KT/500km/h

LERTE
8000 '/(2250) -
-9000 '/(2555)
IAS 230KT/425km/h

ORSIF
8000 '/(2250)
IAS 230KT/425km/h

RORUK
IAF
6000 '/(1640)
or below
IAS 220KT/
/405km/h

WW306
7000 '/(1945)
IAS 230KT/425km/h

MEZER
7000 '/(1945) ❷
8000 '/(2250)
IAS 220KT/405km/h

MNM 2000 '/(420)
FL170-FL270
1min 30sec

MNM 2000 '/(420)
FL210-FL270
1min 30sec

MNM 2000 '/(420)
7000 '/(1945)-FL130
1min

MNM 2000 '/(420)
4000 '/(1030) -7000 '/(1945)
1min

❶ TRANSITION LEVEL:
- FL110 when QNH is 1013 hPa (760mm mercury column) or above;
- FL120 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL130 when QNH is less than 977 hPa (733mm mercury column).

❷ For BILRU 3A

MSAAT/MSHAT is computed for surface air temperature at the aerodrome -29°C.

HGT is given relative to RWY 06
THR ELEV 629 '/192m.

BEARINGS AND TRACKS ARE MAGNETIC ALTITUDES IN *FEET* HEIGHTS IN METRES ELEVATIONS IN *FEET* AND METRES DISTANCES IN KILOMETRES	Alt set: -QNH(QFE on req); -hPa(mm on req).

SCALE 1 : 500 000

SAVELOVO 111.8 SWO
56 22 04N 037 25 51E

SHEREMETYEVO 114.6 MR
55 58 44N 037 19 41E

OPALIKHA 109.7 OPH
55 49 31N 037 16 14E

VNUKOVO 113.7 WNK
55 35 18N 037 15 15E

KAMENKA 111.6 IKM
55 13 19N 036 59 42E

UUP64 FL105 GND
UUR320 2150m/7000 ' AMSL GND
UUR281 450m/1500 ' AMSL GND
UUR317 950m/3100 ' AMSL GND
UUP52 UNL GND
UUP53 FL265 GND
UUP63 UNL GND
UUR318 700m/2300 ' AMSL GND
UUP72 3200m/10500 ' AMSL GND
UUP54 1200m/4000 ' AMSL GND
UUR333 850m/2800 ' AMSL GND
UUP59 FL200 GND
UUP65 1150m/3700 ' AMSL GND
UUR252 900m/3000 ' AMSL GND
UUP92 1200m/4000 ' AMSL GND
UUP95 250m/900 ' AMSL GND
UUP78 450m/1500 ' AMSL GND
UUP94 300m/1000 ' AMSL GND
UUR448 700m/2300 ' AMSL GND
400m /1300 ' AGL GND

MSAAT
MSHAT
46km from ARP

MOSCOW