

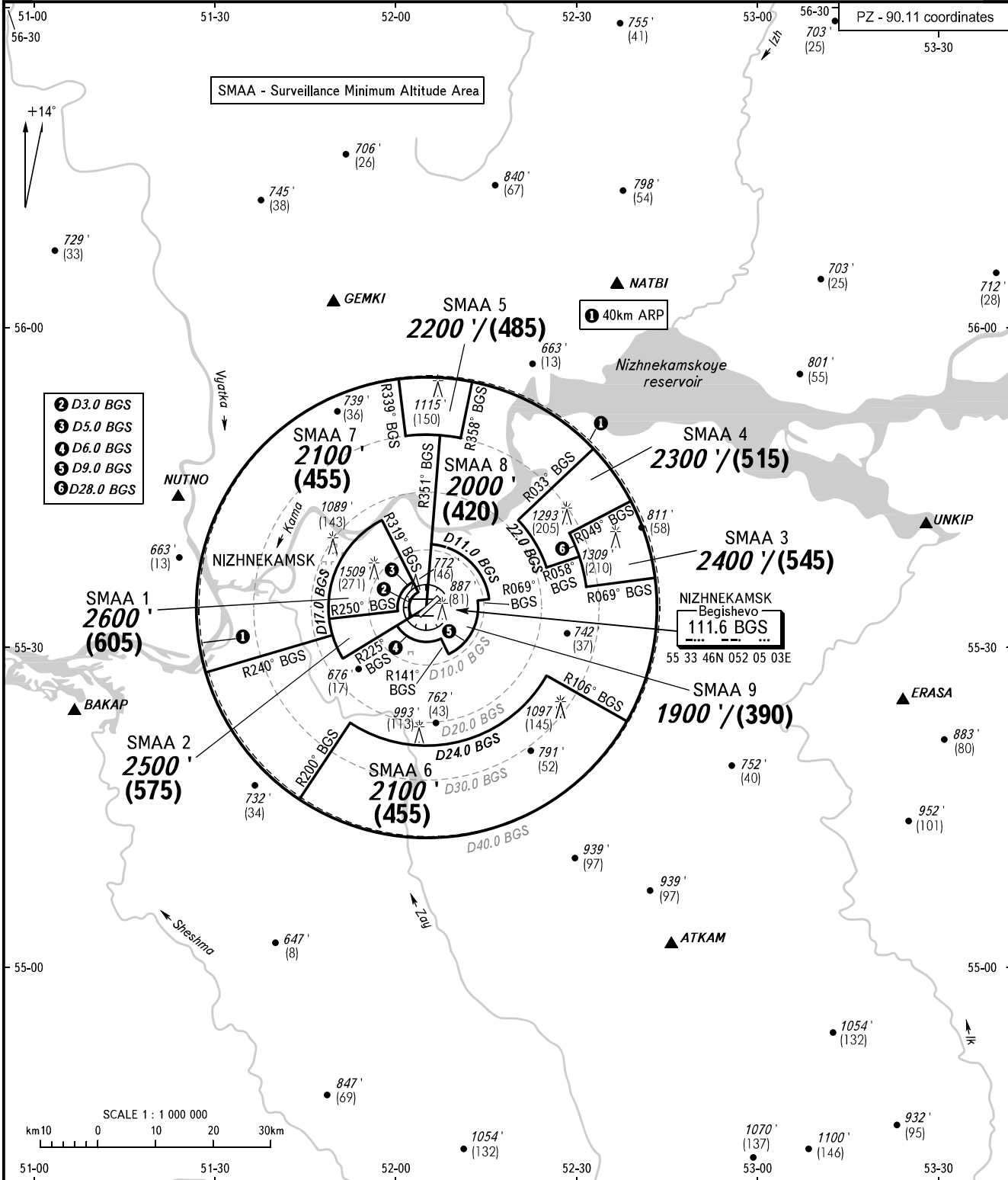
ATC SURVEILLANCE MINIMUM
ALTITUDE CHART - ICAO

ELEV
643 / 196m

TRANSITION ALT: 4000'
TRANSITION HGT: (1000)

NIZHNEKAMSK, RUSSIA

BEGISHEVO



START	121.200
RADAR	127.900

WARNING:

- The chart may only be used for cross-checking of altitudes assigned while the aircraft is under radar control.
- When vectoring is carried out under low-temperature conditions, minimum vectoring altitudes must be corrected by altimeter temperature correction by ATC.

COMMUNICATION FAILURE: In accordance with the procedures described in AIP.

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).

CHANGE: ATKAM, GEMKI

NIZHNEKAMSK, RUSSIA
BEGISHEVO**SURVEILLANCE MINIMUM ALTITUDE AREAS**

IDENT	MNM ALT (фт/м)	LATERAL LIMITS (PZ-90.11 coordinates).
SMAA 1	2600' (605)	554156N 0515742E - 553610N 0520254E, then anticlockwise by arc of a circle radius of 5 km centred at VORDME BGS (553346N 0520504E) до 553329N 0520019E - 553248N 0514856E, then clockwise by arc of a circle radius of 17 km centred at VORDME BGS (553346N 0520504E) to 554156N 0515742E.
SMAA 2	2500' (575)	553610N 0520254E - 553513N 0520345E, then anticlockwise by arc of a circle radius of 3 km centred at VORDME BGS (553346N 0520504E) to 553253N 0520239E - 552846N 0515127E, then clockwise by arc of a circle radius of 17 km centred at VORDME BGS (553346N 0520504E) to 553248N 0514856E - 553329N 0520019E, then clockwise by arc of a circle radius of 5 km centred at VORDME BGS (553346N 0520504E) to 553610N 0520254E.
SMAA 3	2400' (545)	554342N 0523932E, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 553626N 0524326E - 553536N 0523135E, then anticlockwise by arc of a circle radius of 28 km centred at VORDME BGS (553346N 0520504E) to 554037N 0522853E - 554342N 0523932E.
SMAA 4	2300' (515)	554840N 0523319E, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 554342N 0523932E - 554037N 05228 53E, then clockwise by arc of a circle radius of 28 km centred at VORDME BGS (553346N 0520504E) to 553826N 0523028E - 553726N 0522502E, then anticlockwise by arc of a circle radius of 22 km centred at VORDME BGS (553346N 0520504E) to 554152N 0522026E - 554840N 0523319E.
SMAA 5	2200' (485)	555502N 0521303E - 554937N 0521101E, then anticlockwise by arc of a circle radius of 30 km centred at VORDME BGS (553346N 0520504E) to 554951N 0520134E 555516N 0520023E, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 555502N 0521303E.
SMAA 6	2100' (455)	552302N 0515215E, then anticlockwise by arc of a circle radius of 24 km centred at VORDME BGS (553346N 0520504E) to 552718N 0522453E - 552253N 0523824E, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 551605N 0514358E - 552302N 0515215E.
SMAA 7	2100' (455)	555516N 0520023E - 554951N 0520134E, then clockwise by arc of a circle radius of 30 centred at VORDME BGS (553346N 0520504E) to 554954N 0520733E - 553346N 0520504E - 553253N 0520239E, then clockwise by arc of a circle radius of 3 centred at VORDME BGS (553346N 0520504E) to 553513N 0520345E - 554156N 0515742E, then anticlockwise by arc of a circle radius of 17 km centred at VORDME BGS (553346N 0520504E) to 553114N 0514928E - 552754N 0512853E, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 555516N 0520023E.
SMAA 8	2000' (420)	555502N 0521303E, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 554840N 0523319E - 554152N 052 20 26E, then clockwise by arc of a circle radius of 22 km centred at VORDME BGS (553346N 0520504E) to 553726N 0522502E - 553826N 0523028, then clockwise by arc of a circle radius of 28 км centred at VORDME BGS (553346N 0520504E) to 553536N 0523135E - 553626N 0524326, then clockwise by arc of a circle radius of 40 km (along CTR boundary) centred at VORDME BGS (553346N 0520504E) to 552253N 0523824E - 552718N 0522453E, then clockwise by arc of a circle radius of 24 км centred at VORDME BGS (553346N 0520504E) to 552302N 0515215E - 551605N 0514358E, then clockwise by arc of a circle radius of 40 km (по границе CTR) centred at VORDME BGS (553346N 0520504E) to 552754N 0512853E - 553114N 0514928E, then anticlockwise by arc of a circle radius of 17 km centred at VORDME BGS (553346N 0520504E) to 552846N 0515127E - 553200N 0520015E, then anticlockwise by arc of a circle radius of 6 km centred at VORDME BGS (553346N 0520504E) to 553050N 0520729E - 552922N 0520841E, then anticlockwise by arc of a circle radius of 9 km centred at VORDME BGS (553346N 0520504E) to 553421N 0521335E - 553429N 0521529E, then anticlockwise by arc of a circle radius of 11 km centred at VORDME BGS (553346N 0520504E) to 553940N 0520558E - 554954N 0520733E, then clockwise by arc of a circle radius of 30 centred at VORDME BGS (553346N 0520504E) to 554937N 0521101E - 555502N 0521303E.
SMAA 9	1900' (390)	553940N 0520558E, then clockwise by arc of a circle radius of 11 km centred at VORDME BGS (553346N 0520504E) to 553429N 0521529E - 553421N 0521335E, then clockwise by arc of a circle radius of 9 km centred at VORDME BGS (553346N 0520504E) to 552922N 0520841E - 553050N 0520729E, then clockwise by arc of a circle radius of 6 km centred at VORDME BGS (553346N 0520504E) to 553200N 0520015E - 553346N 0520504E - 553940N 0520558E.