

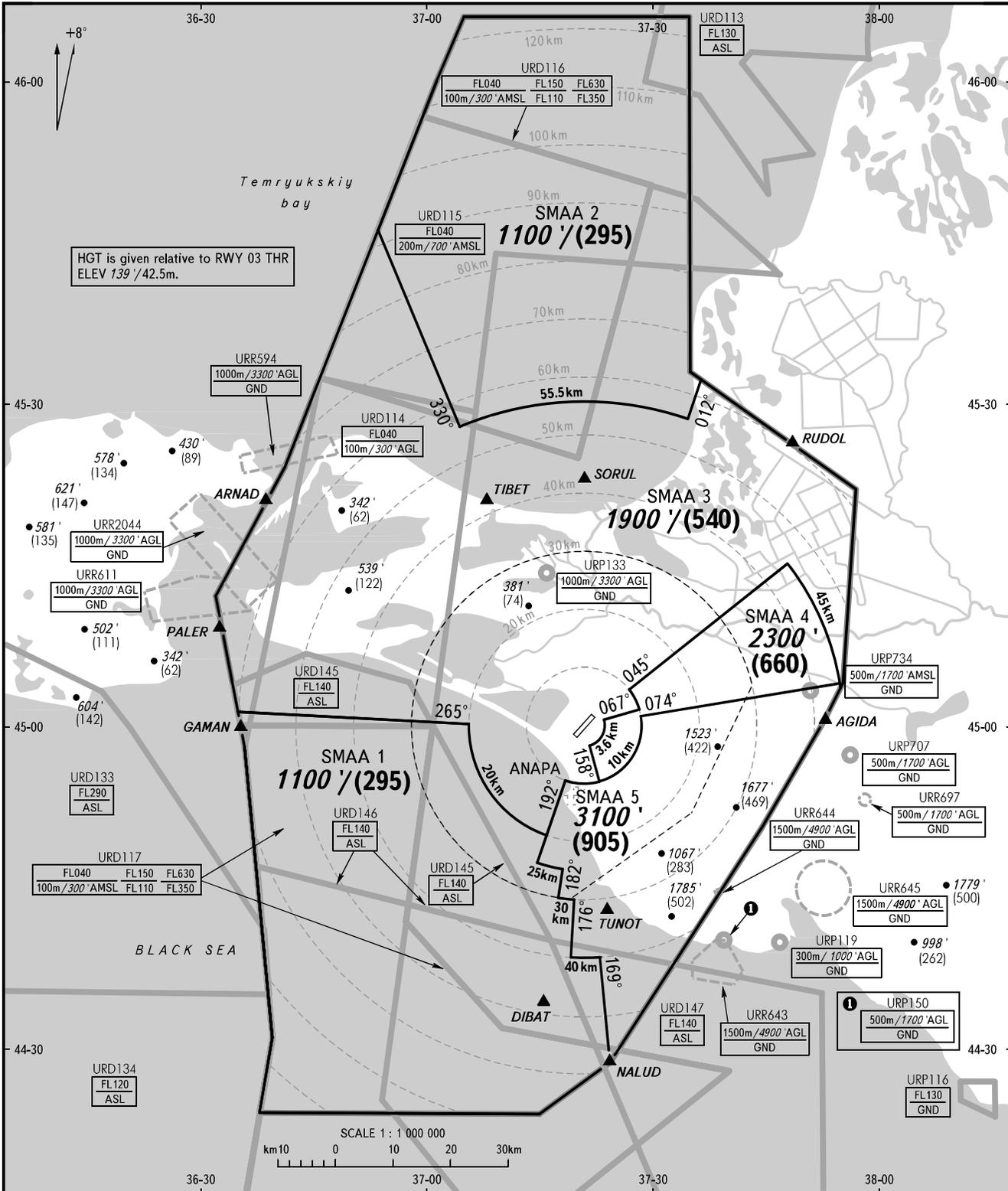
ATC SURVEILLANCE MINIMUM  
ALTITUDE CHART - ICAO

ANAPA, RUSSIA

VITYAZEVO

ELEV  
**176' / 54m**

TRANSITION ALTITUDE : **4000'**  
TRANSITION HEIGHT : **(1180)**



**WARNING:**

- The chart may only be used for cross-checking of altitudes assigned while the aircraft is identified under radar control.
- TEMPERATURE CORRECTION:  
When vectoring is executed at low temperatures, the minimum vectoring altitudes must be corrected using altimeter temperature correction by ATC unit.
- AZM and DIST from ARP.

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: New chart

**ANAPA, RUSSIA**  
**VITYAZEVO**

<b>SURVEILLANCE MINIMUM ALTITUDE AREAS</b>		
<b>IDENT</b>	<b>MNM ALT ft HGT m</b>	<b>LATERAL LIMITS (PZ-90.11 coordinates)</b>
SMAA 1	1100 (295)	450115N 0363505E - 450015N 0370537E, then counterclockwise by arc of a circle radius of 20.0 km centred at (450008N 0372050E) to 444955N 0371554E - 444722N 0371440E, then counterclockwise by arc of a circle radius of 25.0 km centred at (450008N 0372050E) to 444647N 0371801E - 444406N 0371727E, then counterclockwise by arc of a circle radius of 30.0 km centred at (450008N 0372050E) to 444357N 0371932E - 443834N 0371906E, then counterclockwise by arc of a circle radius of 40.0 km centred at (450008N 0372050E) to 443835N 0372255E - 442836N 0372352E, then along Anapa/Vityazevo CTA boundary to 450115N 0363505E.
SMAA 2	1100 (295)	453300N 0373500E - 453217N 0373627E - 452813N 0373428E, then counterclockwise by arc of a circle radius of 55.5 km centred at (450008N 0372050E) to 452730N 0370431E - 454607N 0365314E, then along Anapa/Vityazevo CTA boundary to 453300N 0373500E.
SMAA 3	1900 (540)	450332N 0375446E, then counterclockwise by arc of a circle radius of 45.0 km centred at (450008N 0372050E) to 451507N 0374749E - 450328N 0372649E, then clockwise by arc of a circle radius of 10.0 km centred at (450008N 0372050E) to 450137N 0372809E - 450040N 0372328E, then clockwise by arc of a circle radius of 3.6 km centred at (450008N 0372050E) to 445815N 0372134E - 445455N 0372252E, then clockwise by arc of a circle radius of 10.0 km centred at (450008N 0372050E) to 445501N 0371822E - 444955N 0371554E, then clockwise by arc of a circle radius of 20.0 km centred at (450008N 0372050E) to 450015N 0370537E - 450115N 0363505E, then along Anapa/Vityazevo CTA boundary to 454607N 0365314E - 452730N 0370431E, then clockwise by arc of a circle radius of 55.5 km centred at (450008N 0372050E) to 452813N 0373428E - 453217N 0373627E.
SMAA 4	2300 (660)	451507N 0374749E, then clockwise by arc of a circle radius of 45.0 km centred at (450008N 0372050E) to 450358N 0375441E - 450100N 0372821E, then clockwise by arc of a circle radius of 10.0 km centred at (450008N 0372050E) to 445455N 0372252E - 445815N 0372134E, then counterclockwise by arc of a circle radius of 3.6 km centred at (450008N 0372050E) to 450040N 0372328E - 450137N 0372809E, then counterclockwise by arc of a circle radius of 10.0 km centred at (450008N 0372050E) to 450328N 0372649E - 451507N 0374749E.
SMAA 5	3100 (905)	450358N 0375441E, then clockwise by arc of a circle radius of 45.0 km centred at (450008N 0372050E) to 450332N 0375446E, then along Anapa/Vityazevo CTA boundary to 442836N 0372352E - 443835N 0372255E, then clockwise by arc of a circle radius of 40.0 km centred at (450008N 0372050E) to 443834N 0371906E - 444357N 0371932E, then clockwise by arc of a circle radius of 30.0 km centred at (450008N 0372050E) to 444406N 0371727E - 444647N 0371801E, then clockwise by arc of a circle radius of 25.0 km centred at (450008N 0372050E) to 444722N 0371440E - 445501N 0371822E, then counterclockwise by arc of a circle radius of 10.0 km centred at (450008N 0372050E) to 450100N 0372821E - 450358N 0375441E.