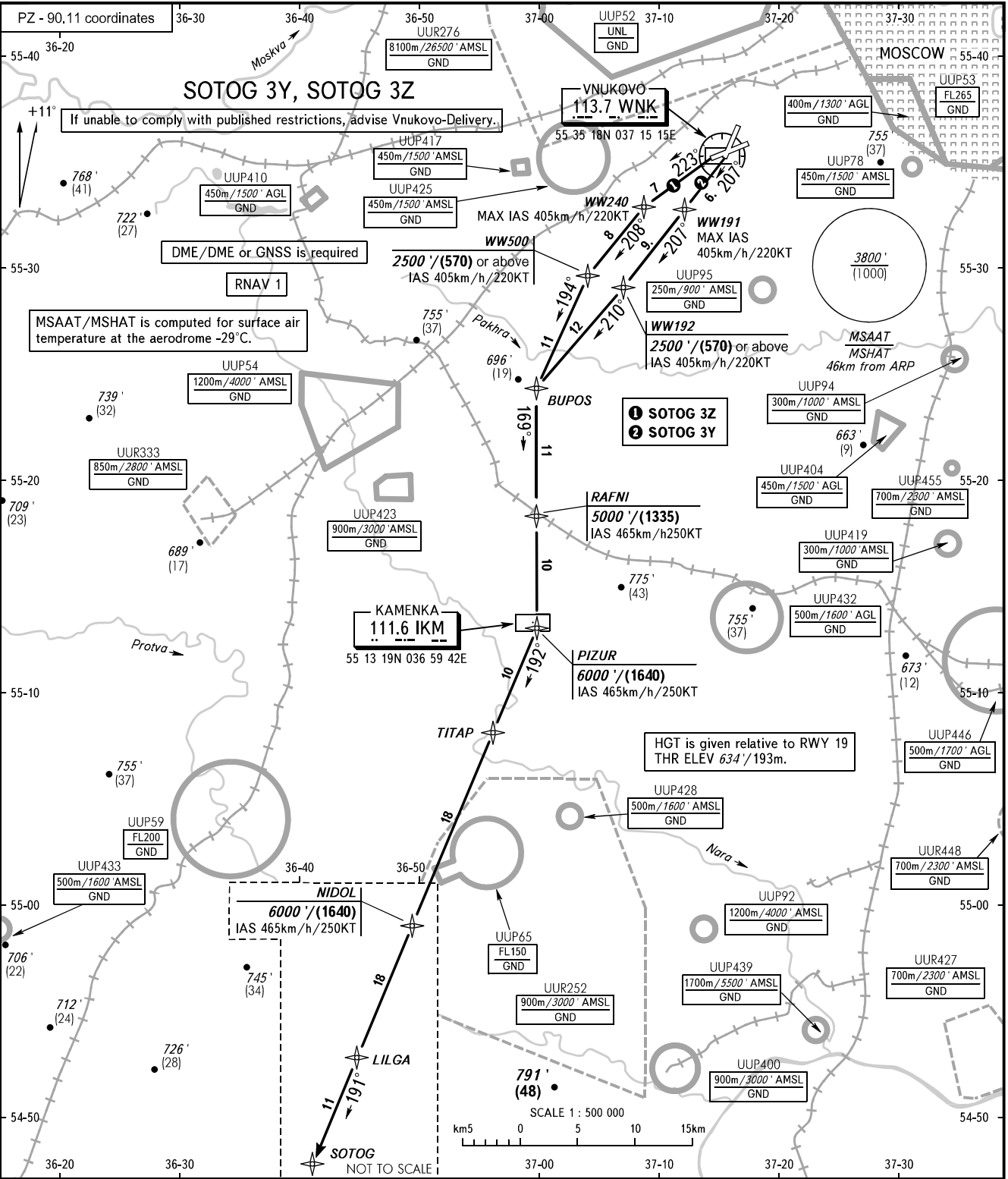


STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT: 10000 '
TRANSITION HGT: (2900)

MOSCOW, RUSSIA
VNUKOVO
RNAV RWY 19, 24



VNUKOVO TOWER	118.300				
VNUKOVO RADAR	123.400	135.900			
DOMODEDOVO RADAR	119.400	125.300	129.800		
SHEREMETYEVO RADAR	118.100	122.700			
MOSCOW APPROACH	118.950	118.550	127.200	128.000	
	130.375	124.200	131.200	127.700	

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).

MINIMUM CLIMB GRADIENT
(due to the airspace structure):
4.2% up to 2500'/(570).

WARNING:
Close-in obstacles:
- RWY 19: to the left and right of take-off heading
at DIST 219-682m from DER with MAX ELEV 711'/(25);
- RWY 24: to the left and right of take-off heading
at DIST 366-1298m from DER with MAX ELEV 700'/(5).