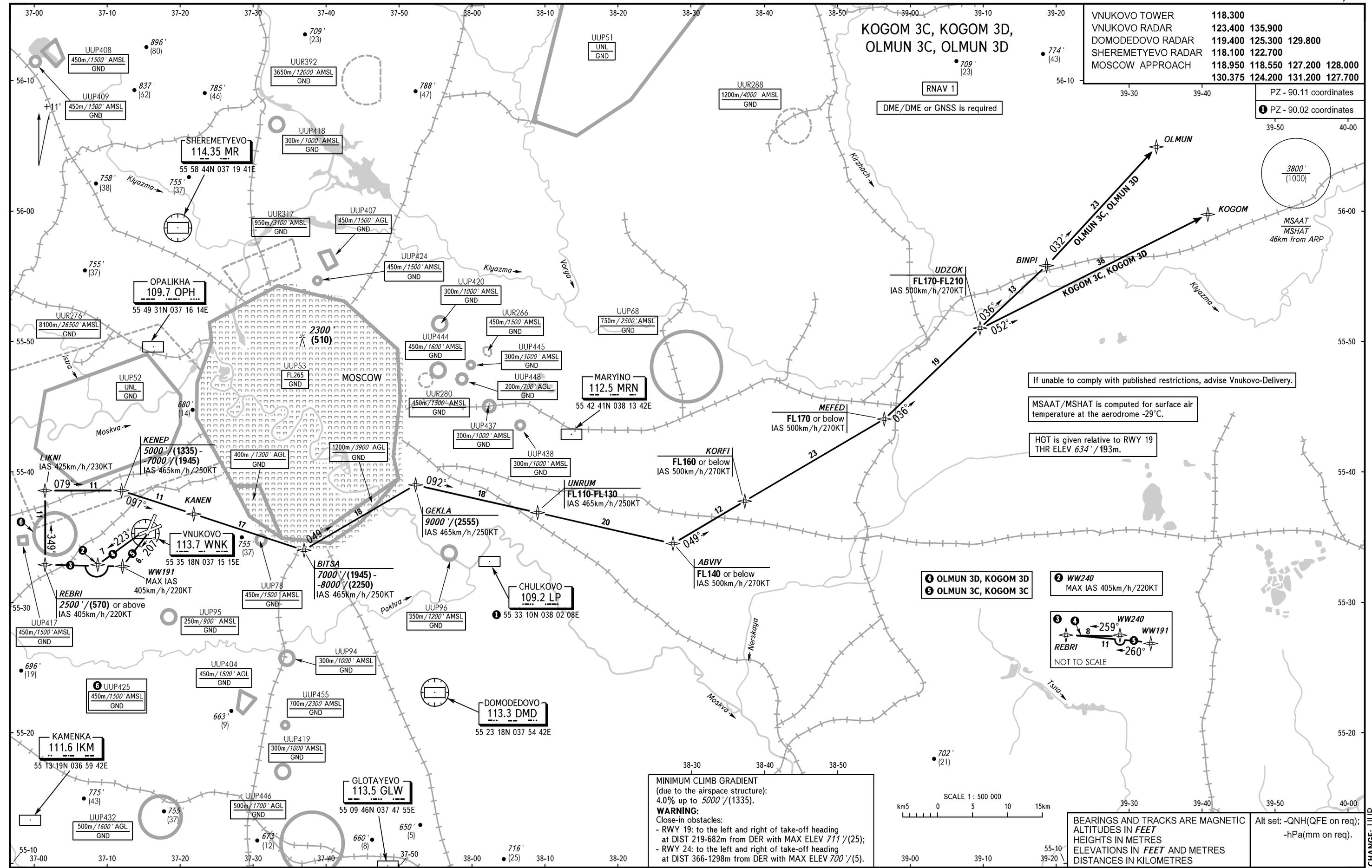


STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALT: 10000'
TRANSITION HGT: (2900)

MOSCOW, RUSSIA
VNUKOVO
RNAV RWY 19, 24

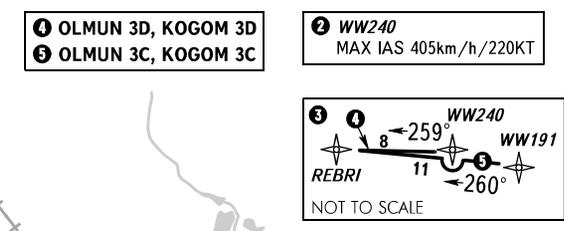


VNUKOVO TOWER	118.300			
VNUKOVO RADAR	123.400	135.900		
DOMODEDOVO RADAR	119.400	125.300	129.800	
SHEREMETYEVO RADAR	118.100	122.700		
MOSCOW APPROACH	118.950	118.550	127.200	128.000
	130.375	124.200	131.200	127.700

If unable to comply with published restrictions, advise Vnukovo-Delivery.

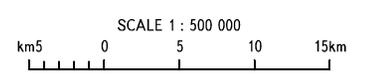
MSAAT/MSHAT is computed for surface air temperature at the aerodrome -29°C.

HGT is given relative to RWY 19 THR ELEV 634' / 193m.



MINIMUM CLIMB GRADIENT (due to the airspace structure): 4.0% up to 5000'/(1335).

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).



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).