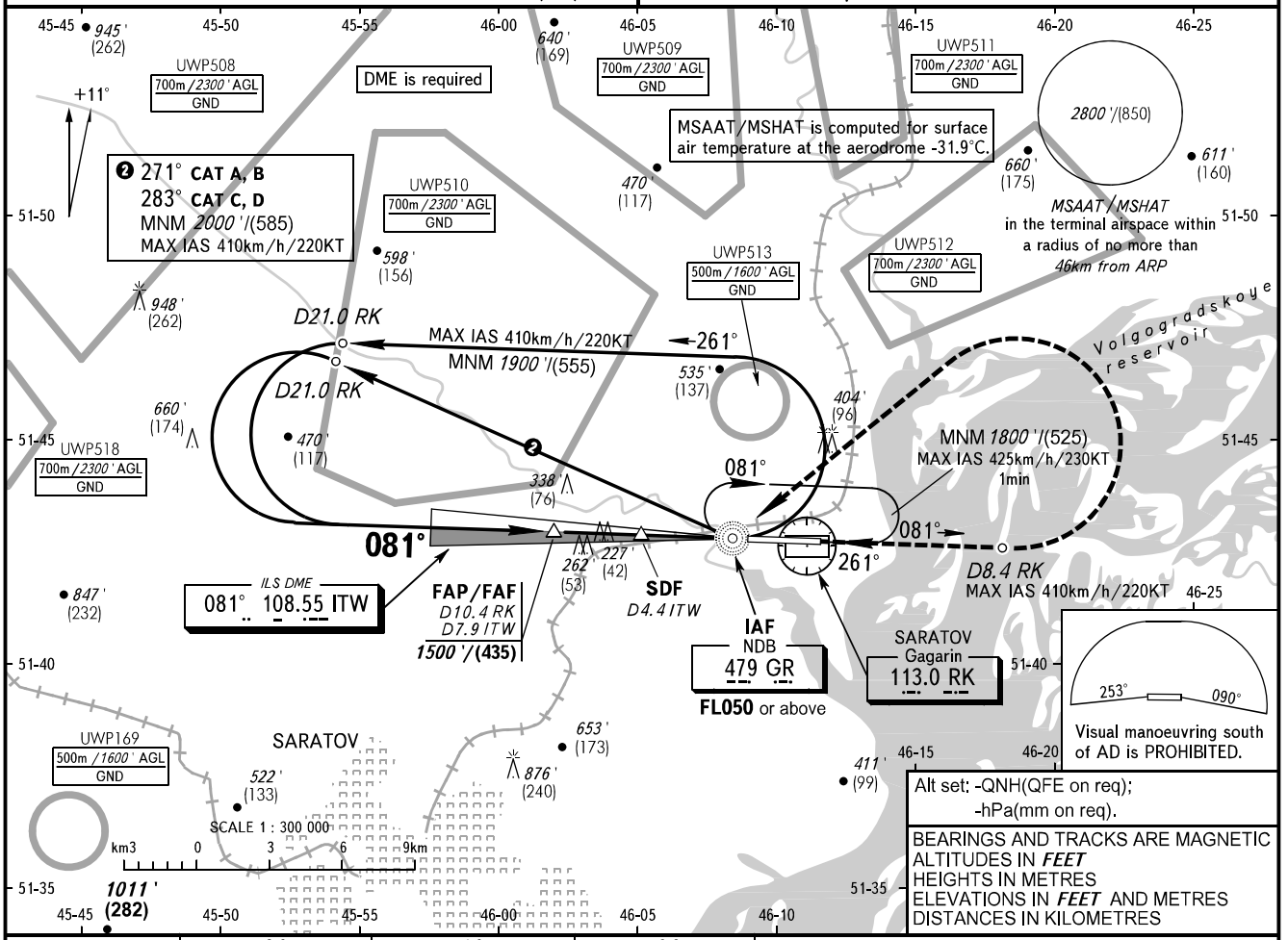
INSTRUMENT APPROACH CHART - ICAO

GAGARIN RADAR	**130.300**
GAGARIN TOWER	**122.850**

SARATOV, RUSSIA
GAGARIN
ILS X CAT I/II, LOC X RWY 08

TRANSITION LEVEL: ❶
TRANSITION ALT: *3000'*
TRANSITION HGT: (900)

AD ELEV: ***103'/32m***
THR ELEV: ***88'/27.0m***

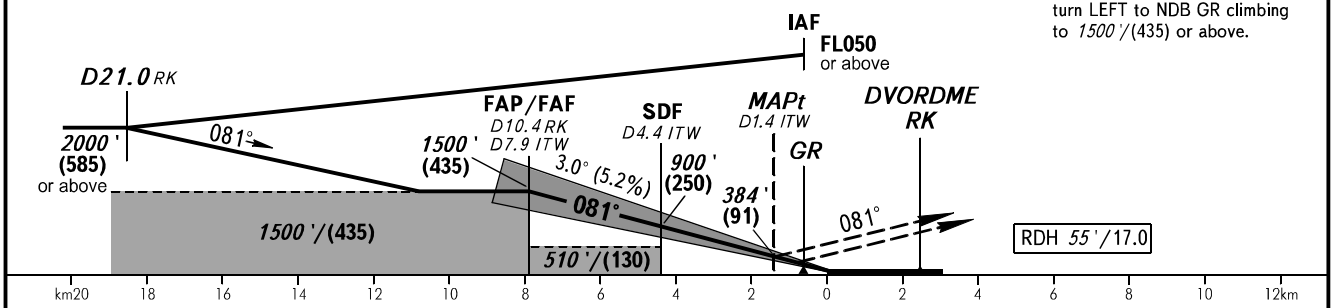


Alt set: -QNH(QFE on req);
-hPa(mm on req).

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES IN *FEET*
HEIGHTS IN METRES
ELEVATIONS IN *FEET* AND METRES
DISTANCES IN KILOMETRES

DME ITW	6.0	4.0	2.0
ALTITUDE/HEIGHT	*1175'*/(332)	*831'*/(227)	*487'*/(122)

MISSED APPROACH
Climb on track 081° to D8.4 RK, turn LEFT to NDB GR climbing to *1500'*/(435) or above.



OCA(H)			A	B	C	D
Straight-in Approach	CAT I		*228'(140')* (43)	*237'(149')* (46)	*247'(159')* (49)	*257'(169')* (52)
	CAT II		*138'(50')* (16)	*148'(60')* (19)	*161'(73')* (23)	*173'(85')* (26)
	LOC	With SDF	*470'(380')* (120)	*470'(380')* (120)	*470'(380')* (120)	*470'(380')* (120)
		WO SDF	*510'(420')* (130)	*510'(420')* (130)	*510'(420')* (130)	*510'(420')* (130)
Circling			*650'(540')* (165)	*700'(600')* (185)	*1020'(920')* (280)	*1020'(920')* (280)

❶ TRANSITION LEVEL:
- FL040 when QNH is 1013 hPa (760mm mercury column) or above;
- FL050 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL060 when QNH is less than 977 hPa (733mm mercury column).

WARNING:
1. MAPt at D1.4 ITW.
Timing not authorized for defining MAPt.
2. DME ITW reads zero at RWY 08 THR.

GROUND SPEED	km/h	*150*	*180*	*210*	*240*	*270*	*300*	*330*	*360*	*390*
	kt	*81*	*97*	*113*	*130*	*146*	*162*	*178*	*194*	*211*
RATE OF DESCENT	m/s	*2.2*	*2.6*	*3.1*	*3.5*	*3.9*	*4.4*	*4.8*	*5.2*	*5.7*
	ft/min	*433*	*512*	*610*	*689*	*768*	*866*	*945*	*1024*	*1122*

CHANGE: OCA(H), OBST