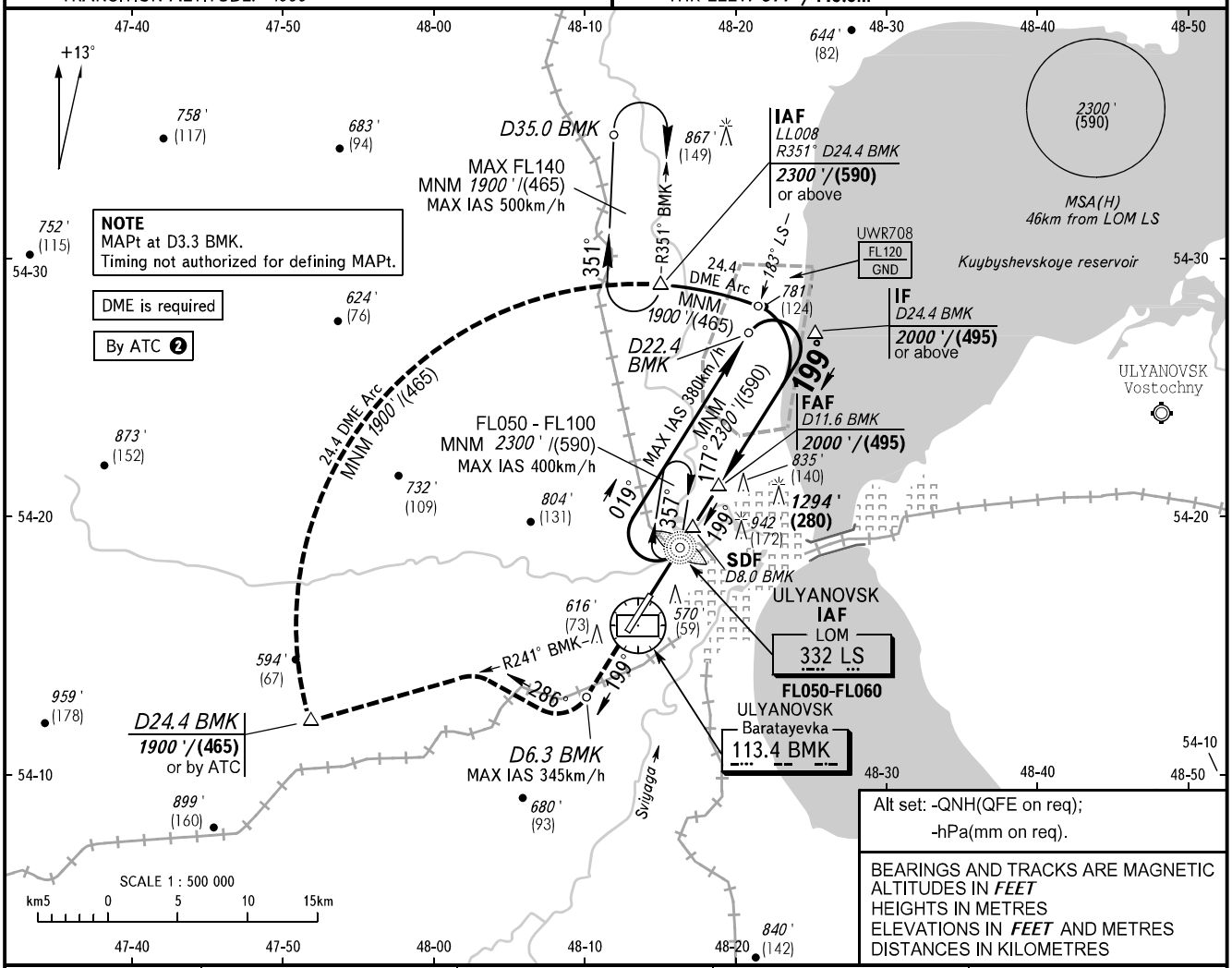
INSTRUMENT APPROACH CHART - ICAO

RADAR	120.800
PRECISION	120.400

ULYANOVSK, RUSSIA
BARATAYEVKA
NDB Z RWY 20

TRANSITION LEVEL: ❶
TRANSITION ALTITUDE: 4000 '

AD ELEV: 449 '/137m
THR ELEV: 377 '/115.0m



NOTE
MAPt at D3.3 BMK.
Timing not authorized for defining MAPt.

DME is required

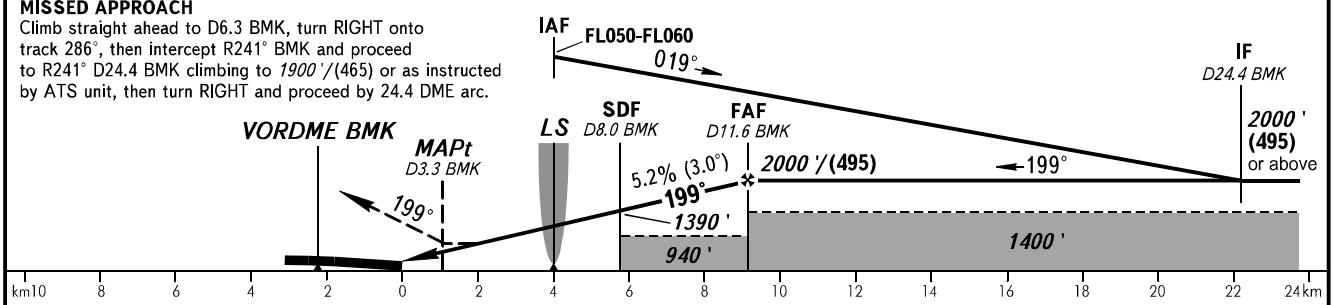
By ATC ❷

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 BMK	5.0	7.0	9.0	11.0
ALTITUDE	880 '	1220 '	1560 '	1900 '

MISSED APPROACH
Climb straight ahead to D6.3 BMK, turn RIGHT onto track 286°, then intercept R241° BMK and proceed to R241° D24.4 BMK climbing to *1900 '*/(465) or as instructed by ATS unit, then turn RIGHT and proceed by 24.4 DME arc.

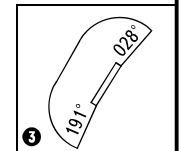


OCA(H)		A	B	C	D
Straight-in Approach	**With SDF**	820 ' (440 ')	820 ' (440 ')	820 ' (440 ')	820 ' (440 ')
	WO SDF	940 ' (570 ')	940 ' (570 ')	940 ' (570 ')	940 ' (570 ')
Circling		940 ' (570 ')	1010 ' (560 ')	1340 ' (890 ')	1340 ' (890 ')

❶ TRANSITION LEVEL:
- FL050 when QNH is 1013 hPa (760mm mercury column) or above;
- FL060 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL070 when QNH is less than 977 hPa (733mm mercury column).

❷ When restricted area UWR708 is active.

❸ Visual manoeuvring east of the AD is PROHIBITED.



GROUND SPEED	km/h	150	180	210	240	270	300	330	360	390
RATE OF DESCENT	m/s	2.2	2.6	3.0	3.5	3.9	4.3	4.8	5.2	5.6
	ft/min	427	512	597	682	768	853	938	1024	1109

CHANGE: New chart