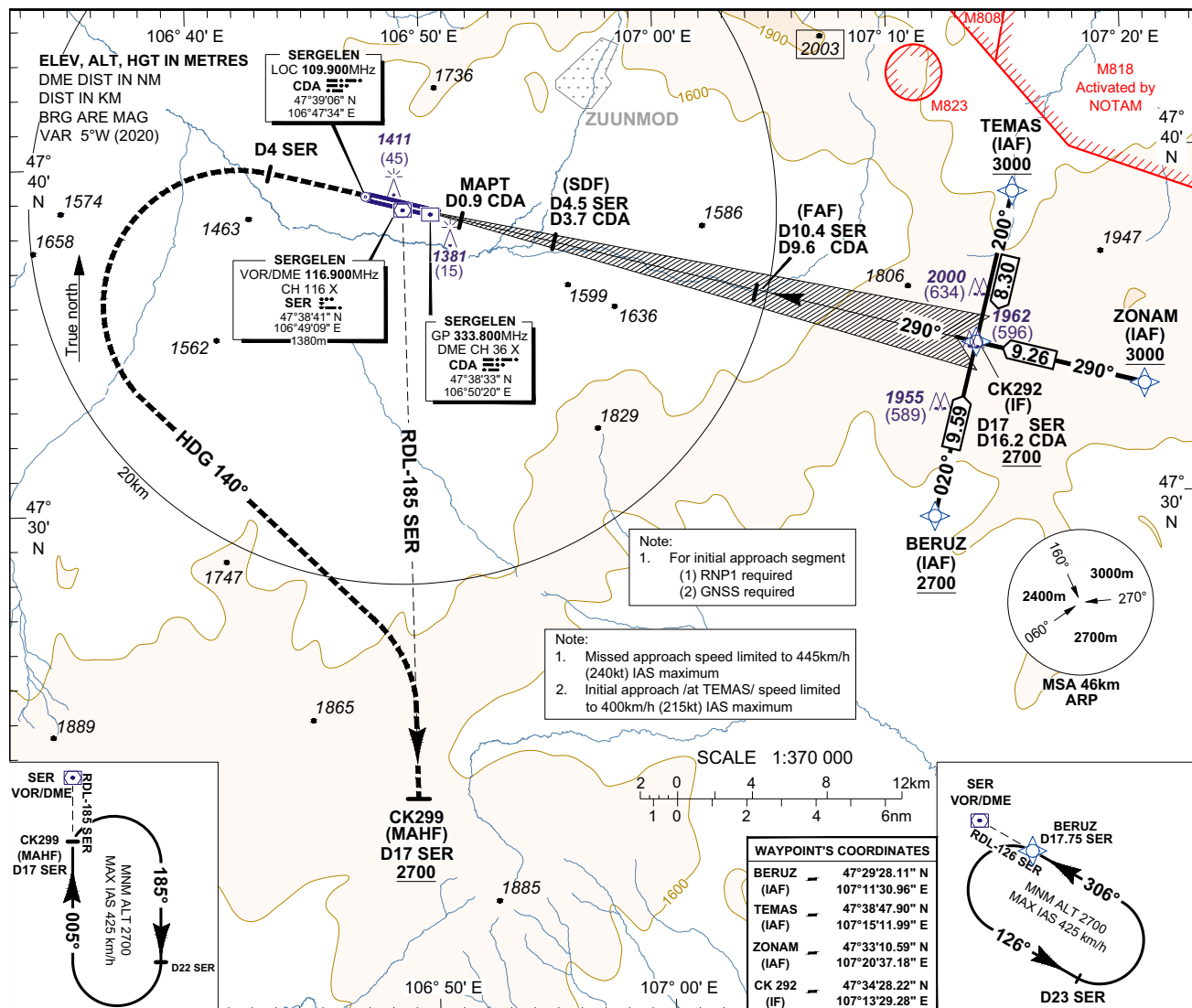


**INSTRUMENT
APPROACH
CHART-ICAO**

AERODROME ELEV 1367
HEIGHTS RELATED TO
THR RWY 29 - ELEV 1366
(OCH & MDH RELATED TO AD ELEV)

APP 120.000
TWR 129.000

ULAANBAATAR/Chinggis Khaan (ZMCK)
LOC X RWY 29
ACFT CAT A/B, C/D

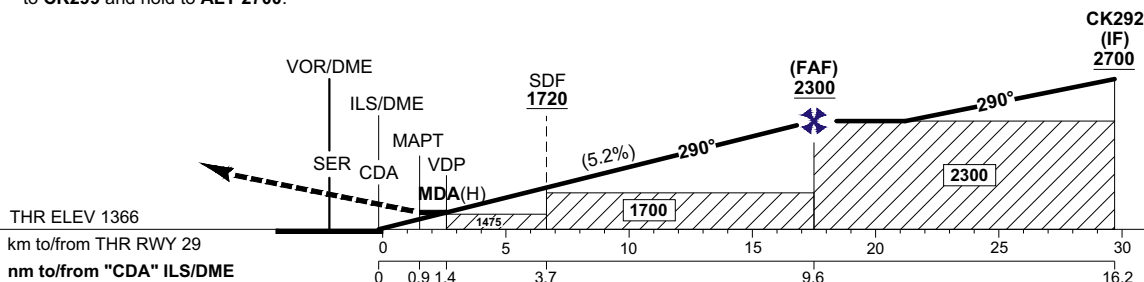


"CDA" ILS/DME NM	MAPT	2	3	4	5	6	7	8	9	FAF
ALT 5.2% APCH (m)	1500	1560	1660	1755	1850	1950	2045	2145	2240	2300

TRANSITION LEVEL	4500
TRANSITION ALTITUDE	3900
TRANSITION ALTITUDE	4200 (QNH ≥ 1031 hPa)

MISSED APPROACH:

Climb on **HDG 290°** to **D4 SER**, turn left, **HDG 140°** to intercept and proceed via **RDL-185 SER** to **CK299** and hold to **ALT 2700**.



CAT of ACFT	Minimum Missed Approach Gradient 2.5%					
	LOC		VIS		Circling	
	OCA(H)	MDA(H)	FULL	ALS out	MDA(H)	VIS
A/B			1600m	2400m	1600(233)	2600m
C	1475(108)	1500(133)	1800m	2600m	1750(383)	5000m
D			2000m	2800m	1800(433)	5000m

Note: Circling to SOUTH side of RWY only.

Ground Speed		185	205	225	240	260	280	300	315	330
		100	110	120	130	140	150	160	170	180
Rate of Descent		2.69	2.98	3.30	3.49	3.78	4.08	4.37	4.59	4.80
		531	584	637	690	743	796	849	902	955

CHANGE: OBST and conversion table changed; Editorial.