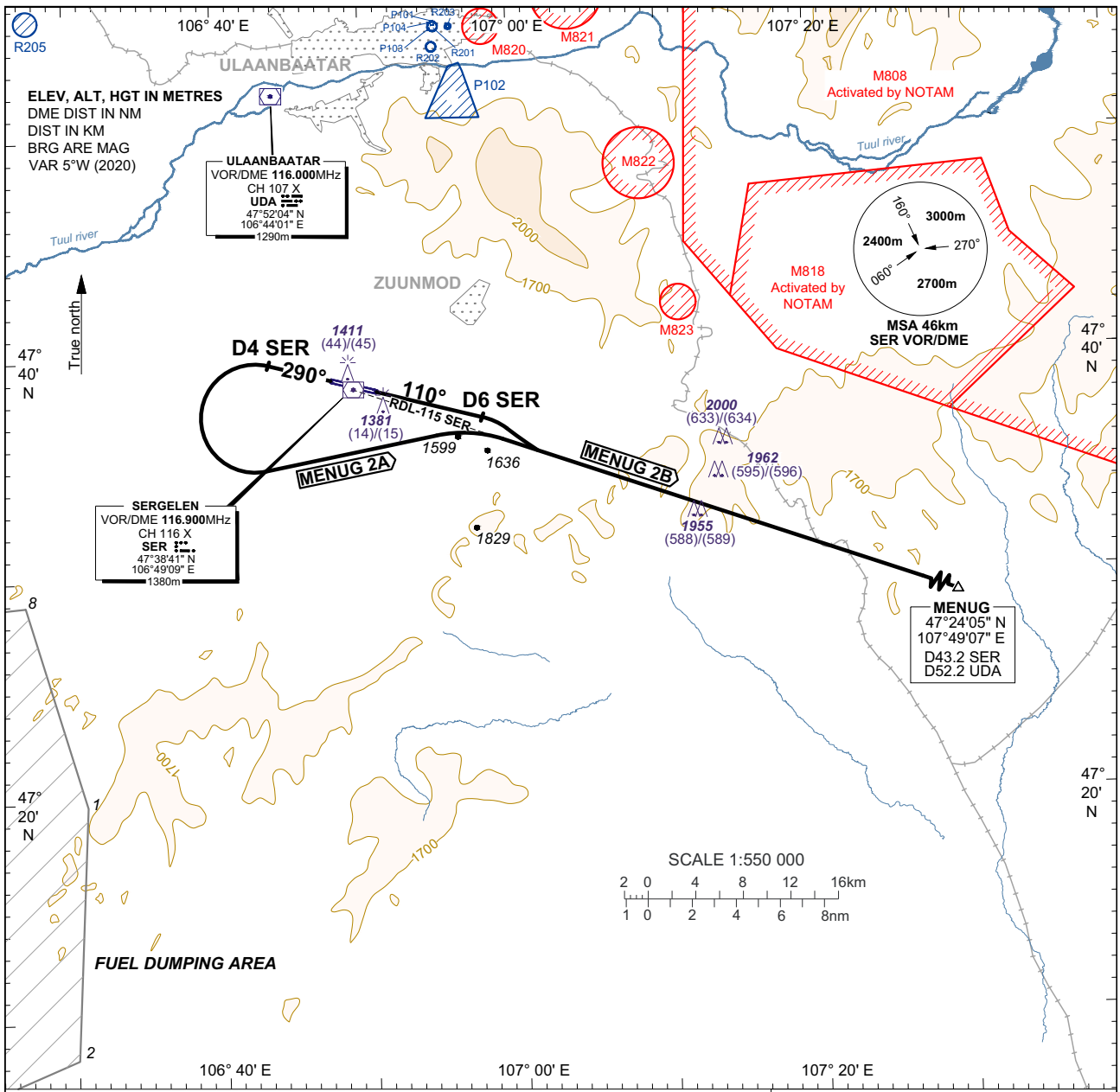
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

AERODROME ELEV - **1367**
HEIGHTS RELATED TO
THR RWY 11 - ELEV **1367**
THR RWY 29 - ELEV **1366**

APP	120.000
TWR	129.000

ULAANBAATAR/Chinggis Khaan (ZMCK)
RWY 11/29
MENUG 2A/2B



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

For MENUG 2A:

Climb RWY **HDG 290°** to **D4 SER**, turn left, to intercept and proceed via **RDL-115 SER**, to **MENUG**.

For MENUG 2B:

Climb RWY **HDG 110°** to **D6 SER**, turn right, to intercept and proceed via **RDL-115 SER**, to **MENUG**.

PDG: 4% is required until **ALT 2000**.

RVR		550m								
Ground Speed	km/h	**205**	**240**	**280**	**315**	**350**	**390**	**425**	**460**	**500**
	kt	**110**	**130**	**150**	**170**	**190**	**210**	**230**	**250**	**270**
Rate of Climb at 3.3%	m/s	**1.88**	**2.20**	**2.57**	**2.89**	**3.21**	**3.58**	**3.90**	**4.22**	**4.58**
	ft/min	**368**	**434**	**501**	**568**	**635**	**702**	**769**	**835**	**902**
Rate of Climb at 4%	m/s	**2.28**	**2.67**	**3.11**	**3.50**	**3.89**	**4.33**	**4.72**	**5.11**	**5.56**
	ft/min	**446**	**527**	**608**	**689**	**770**	**851**	**932**	**1013**	**1094**

COORDINATES OF DUMPING AREA

Points	LAT (N)	LONG (E)
1	47°19'53"	106°30'51"
2	47°08'25"	106°29'58"
3	47°03'47"	106°13'47"
4	47°09'23"	106°01'43"
5	47°14'52"	105°58'22"
6	47°24'31"	106°04'45"
7	47°28'19"	106°15'47"
8	47°28'59"	106°26'54"

CHANGE: Flight path, OBST, ROC and conversion table changed; Editorial.