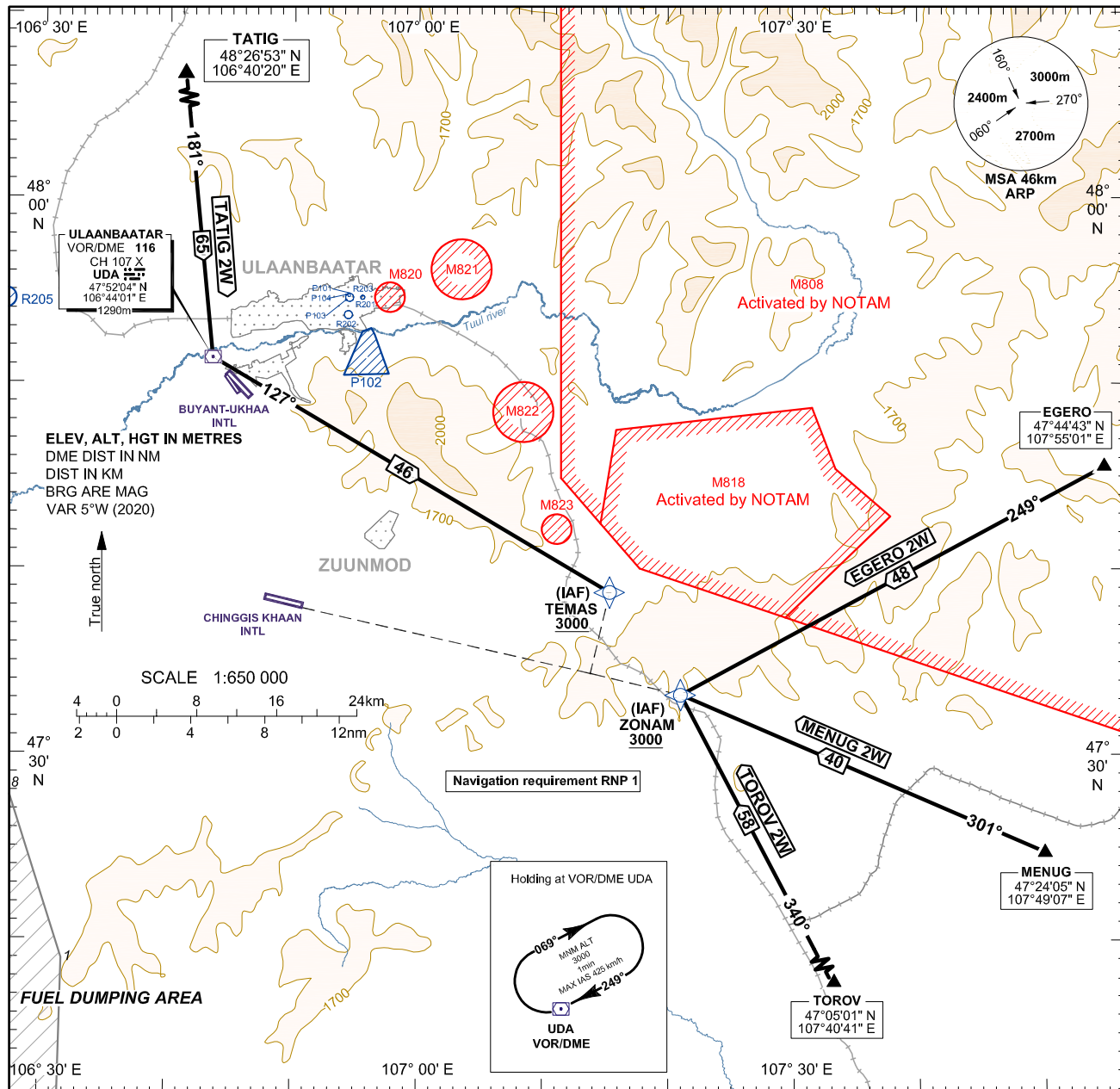


STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

APP 120
TWR 129

ULAANBAATAR/Chinggis Khaan (ZMCK)
RNAV(GNSS) RWY 29
TOROV 2W, MENUUG 2W
EGERO 2W, TATIG 2W



Path descriptor	Fix identifier	Flyover	Course °(M/T)	Magnetic Variation	DIST, km	Turn direction	Altitude, m	Speed, (km/h)	Coordinates	Navigation performance
TOROV 2W ARRIVAL										
IF	TOROV	-	-	-5.3	-	-	-	-	47 05 01.42N 107 40 41.21E	RNP 1
TF	ZONAM	-	340(334.3)	-5.3	57.97	-	+3000	-	47 33 10.59N 107 20 37.18E	RNP 1
MENUUG 2W ARRIVAL										
IF	MENUUG	-	-	-5.4	-	-	-	-	47 24 04.59N 107 49 07.44E	RNP 1
TF	ZONAM	-	301(295.4)	-5.3	39.58	-	+3000	-	47 33 10.59N 107 20 37.18E	RNP 1
EGERO 2W ARRIVAL										
IF	EGERO	-	-	-4.2	-	-	-	-	47 44 43.00N 107 55 01.00E	RNP 1
TF	ZONAM	-	249(244)	-4.28	48.0	-	+3000	-	47 33 10.59N 107 20 37.18E	RNP 1
TATIG 2W ARRIVAL										
IF	TATIG	-	-	-5	-	-	-	-	48 26 53.22N 106 40 19.61E	RNP 1
TF	UDA	-	181(176)	-5	64.7	-	-	-	47 52 04.00N 106 44 01.00E	RNP 1
TF	TEMAS	-	127(122)	-5	46.0	-	+3000	-	47 38 47.90N 107 15 11.99E	RNP 1

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: MSA and TA changed; Editorial.