

STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

ULAANBAATAR/Chinggis Khaan (ZMCK)
RWY 29
LUBSO ZZ
TOROV ZZ, MENUG ZZ

M/FT CONVERSION
ELEVATION

m	ft
1290	4232
1380	4528

M/FT CONVERSION
ALTITUDE

m	ft
2000	6570
2400	7880
2700	8860
3000	9850
3900	12800
4200	13780
4700	15420
11900	39050
16000	52500

PROHIBITED AREA

Identification and lateral limits	Upper limit	Activation time
	Lower limit	
ZM P101 47°55'08"N 106°54'58"E - 47°55'20"N 106°54'55"E - -47°55'20"N 106°55'07"E - 47°55'09"N 106°55'09"E - -to the beginning.	2000m AMSL GND	Permanent
ZM P102 47°50'55"N 106°54'27"E - 47°53'14"N 106°56'02"E- -47°53'24"N 106°56'45"E - 47°53'02"N 106°57'00"E - -47°50'55"N 106°58'03"E -to the beginning.		
ZM P103 47°54'54"N 106°54'45"E - 47°55'00"N 106°54'43"E - -47°55'00"N 106°54'51"E - 47°54'56"N 106°54'52"E - -to the beginning.		
ZM P104 47°55'12"N 106°54'44"E - 47°55'16"N 106°54'44"E - -47°55'16"N 106°54'54"E - 47°55'13"N 106°54'54"E - -to the beginning.		

RESTRICTED AREA

Identification and lateral limits	Upper limit	Activation time
	Lower limit	
ZM R201 A circle radius 400m centered on 47°55'05"N 106°55'04"E	2000m AMSL GND	Activated by NOTAM
ZM R202 A circle radius 400m centered on 47°54'09"N 106°54'56"E		
ZM R203 A circle radius 200m centered on 47°55'04"N 106°56'07"E		
ZM R205 A circle radius 1000m centered on 47°55'33"N 106°27'34"E		

MILITARY OPERATING AREA

Identification and lateral limits	Upper limit	Activation time
	Lower limit	
ZM M806 47°43'16"N 106°11'21"E - 47°44'40"N 106°08'04"E - -47°48'15"N 106°03'57"E - 47°51'04"N 106°08'03"E - -47°51'09"N 106°21'36"E - 47°45'21"N 106°24'37"E - -47°44'35"N 106°22'23"E -to the beginning.	11900m AMSL GND	Activated by NOTAM
ZM M808 47°45'02"N 107°11'36"E - 48°55'59"N 107°14'40"E - -48°47'59"N 110°58'43"E - 46°15'08"N 110°41'42"E - -47°27'54"N 108°05'12"E - 47°40'03"N 107°17'40"E - -to the beginning.	16000m AMSL GND	
ZM M818 47°40'03"N 107°17'40"E - 47°42'32"N 107°14'39"E - -47°47'33"N 107°16'07"E - 47°48'24"N 107°31'50"E - -47°45'04"N 107°33'32"E - 47°42'25"N 107°37'48"E - -47°37'09"N 107°29'09"E -to the beginning.	4700m AMSL GND	
ZM M820 A circle radius 1500m centered on 47°55'02"N 106°58'18"E	2000m AMSL GND	Permanent
ZM M821 A circle radius 3000m centered on 47°56'26"N 107°04'07"E		
ZM M822 A circle radius 3000m centered on 47°48'39"N 107°08'43"E		
ZM M823 A circle radius 1500m centered on 47°42'18"N 107°11'08"E		