

STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO

ULAANBAATAR/Buyant-Ukhaa (ZMUB)
VOR/DME RWY 32
TATIG 3E, TOROV 3E/3F
SER 2F, DUKIM 3E, LUBSO 3E

M/FT CONVERSION
ELEVATION

m	ft
1266	4153
1290	4232
1380	4528
1463	4800
1482	4862
1520	4987
1534	5033
1551	5089
1564	5131
1608	5276
1660	5446
1670	5479
1691	5548
1700	5577
1757	5764
1809	5935
1820	5971
1832	6010
1837	6027
1950	6398
2000	6562
2029	6657
2122	6962
2257	7405
2268	7441

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		

M/FT CONVERSION
ALTITUDE

m	ft
2000	6570
2100	6890
2500	8210
2900	9520
3900	12800
4200	13780
4700	15420
11900	39050
16000	52500