

STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO

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RNAV(GNSS) RWY 11/29
TOROV 2C/2D

AERONAUTICAL DATA TABULATION

TOROV 2C

Serial number	Path descriptor	Fix identifier	Flyover	Course °M(°T)	DIST,km	Turn direction	Altitude,m	Speed, (km/h)	Coordinates	Navigation performance
1	VA	-	-	290(284.7)	-	-	+1500	-	-	RNP 1
2	DF	CK201	Y	-	-	-	-	-	47 39 49.46N 106 43 28.39E	RNP 1
3	DF	CK202	-	-	-	L	-	-	47 25 58.13N 106 54 32.09E	RNP 1
4	TF	CK204	-	139(133.6)	47.75	-	-	-	47 08 08.14N 107 21 52.76E	RNP 1
5	TF	TOROV	-	109(103.5)	24.48	-	-	-	47 05 01.42N 107 40 41.21E	RNP 1

TOROV 2D

Serial number	Path descriptor	Fix identifier	Flyover	Course °M(°T)	DIST,km	Turn direction	Altitude,m	Speed, (km/h)	Coordinates	Navigation performance
1	VA	-	-	110(104.7)	-	-	+1500	-	-	RNP 1
2	DF	CK101	Y	-	-	-	-	-	47 37 17.50N 106 57 46.54E	RNP 1
3	DF	CK104	-	-	-	R	-	-	47 27 43.31N 107 13 50.37E	RNP 1
4	TF	CK105	-	140(135.0)	33.32	-	-	-	47 14 58.40N 107 32 30.19E	RNP 1
5	TF	TOROV	-	156(150.7)	21.14	-	-	-	47 05 01.42N 107 40 41.21E	RNP 1

M/FT CONVERSION

ELEVATION	
m	ft
1366	4482
1367	4485
1381	4531
1411	4629
1700	5577
1939	6361
1946	6384
1984	6509
2000	6562

ALTITUDE	
m	ft
1500	4930
2000	6570
2400	7880
2700	8860
3000	9850
3900	12800
4200	13780
4700	15420
16000	52500

MILITARY OPERATING AREA

Identification and lateral limits	Upper limit	Activation time
	Lower limit	
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	Activated by NOTAM
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 M823 A circle radius 1500m centered on 47°42'18"N 107°11'08"E	2000m AMSL GND	Permanent