

INSTRUMENT
APPROACH
CHART-ICAO

ULAANBAATAR/Chinggis Khaan (ZMCK)
RNP RWY 11 (LNAV only)
ACFT CAT A/B, C/D

AERONAUTICAL DATA TABULATION												
RNP RWY 11 (LNAV only)												
Serial number	Path descriptor	Fix identifier	Flyover	Course °M(°T)	Dist,km	Turn direction	Altitude,m	Speed, (km/h)	Coordinates	VPA/RDH	Navigation performance	Remarks
RNP RWY 11 (LNAV only)-via CK113-CK112(IF)												
1	IF	CK113	-	-	-	-	+2700	-	47 36 19.05N 106 27 14.61E	-	RNP APCH	IAF
2	TF	CK112	-	019(014.4)	11.38	-	+2400	-	47 42 15.92N 106 29 30.31E	-	RNP APCH	IF
RNP RWY 11 (LNAV only)-via CK114-CK112(IF)												
1	IF	CK114	-	-	-	-	+2700	-	47 46 59.20N 106 22 50.69E	-	RNP APCH	IAF
2	TF	CK112	-	141(136.4)	12.08	-	+2400	-	47 42 15.92N 106 29 30.31E	-	RNP APCH	IF
RNP RWY 11 (LNAV only)-via CK115-CK112(IF)												
1	IF	CK115	-	-	-	-	+2700	-	47 47 57.08N 106 31 40.55E	-	RNP APCH	IAF
2	TF	CK112	-	200(194.5)	10.88	-	+2400	-	47 42 15.92N 106 29 30.31E	-	RNP APCH	IF
RNP RWY 11 (LNAV only)-via CK112-CK299(MAHF)												
1	TF	CK112	-	-	-	-	+2400	-	47 42 15.92N 106 29 30.31E	-	RNP APCH	IF
2	TF	CK111	-	109(104.4)	9.95	-	@2100	-	47 40 55.39N 106 37 12.49E	-	RNP APCH	FAF
3	TF	THR11	Y	110(104.5)	13.70	-	+1600	-	47 39 03.63N 106 47 48.22E	-3.0°/15	RNP APCH	MAPT
4	DF	CK101	Y	110(104.6)	-	-	-	-	47 37 17.50N 106 57 46.54E	-	RNP APCH	MATF
5	DF	CK299	-	-	-	R	+2700	-	47 21 41.00N 106 49 15.00E	-	RNP APCH	MAHF

M/FT CONVERSION		
ELEVATION		
m	ft	
1367	4485	
1380	4528	
1381	4531	
1411	4629	
1440	4724	
1463	4800	
1562	5125	
1573	5161	
1574	5164	
1586	5203	
1599	5246	
1600	5249	
1636	5367	
1658	5440	
1736	5695	
1747	5732	
1754	5755	
1806	5925	
1829	6001	
1865	6119	
1884	6181	
1889	6197	
1900	6234	
1995	6545	
2003	6571	
2104	6903	
2200	7218	
2257	7405	
2262	7421	

ALTITUDE		
m	ft	
1500	4930	
1550	5090	
1560	5120	
1600	5250	
1675	5500	
1750	5750	
1770	5810	
1800	5910	
1870	6140	
1880	6170	
1965	6450	
2000	6570	
2060	6760	
2100	6890	
2400	7880	
2700	8860	
3000	9850	
3900	12800	
4200	13780	
4700	15420	
16000	52500	

LEVEL	
m	ft
4500	14800

Note:
For detailed information on military operating areas (M808, M818, M822, M823) see ENR 5.2