

STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE  
11,000 FT

KOTA KINABALU/KOTA KINABALU  
(WBKK)  
RWY 20  
DEPARTURES (LEFT TURN)  
(RNAV 1)

TABULAR DESCRIPTION

ROUTE DESIGNATOR	SERIAL NUMBER	PATH DESCRIPTOR	WP IDENTIFIER	FLY OVER	COURSE/ °(T)	MAGNETIC VARIATION	DISTANCE (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED (KT) IAS MAX	RECOMMENDED NAVAID	NAVIGATION SPECIFICATION
ENBAX 1H	010	CA	-	-	202°	-	-	-	+3000	205	VJN VOR/DME	RNAV 1
	020	DF	AKSAP	-	-	-	-	L	+6000	-	-	RNAV 1
	030	TF	SATKO	-	028°	-	12.7	-	+7000	-	-	RNAV 1
	040	TF	ENBAX	-	352°	-	48.8	L	-	-	-	RNAV 1
VETAG 1H	010	CA		Y	202°	-	-	-	+3000	205	VJN VOR/DME	RNAV 1
	020	DF	AKSAP	-	-	-	-	L	+6000	-	-	RNAV 1
	030	TF	SATKO	-	028°	-	12.7	-	+7000	-	-	RNAV 1
	040	TF	ELBAR	-	028°	-	23.4	-	+9000	-	-	RNAV 1
	050	TF	VETAG	-	023°	-	20.1	L	-	-	-	RNAV 1
KABDU 1H	010	CA		Y	202°	-	-	-	+3000	205	VJN VOR/DME	RNAV 1
	020	DF	AKSAP	-	-	-	-	L	+6000	-	-	RNAV 1
	030	TF	SATKO	-	028°	-	12.7	-	+7000	-	-	RNAV 1
	040	TF	ELBAR	-	028°	-	23.4	-	+9000	-	-	RNAV 1
	050	TF	KABDU	-	028°	-	19.7	-	-	-	-	RNAV 1

NOTE : INITIAL CLIMB AT MNM GR 5% ON RWY HDG, TURN LEFT PASSING 3000 FT, CONTINUE AT 5% MNM PDG UNTIL 7000FT. RESUME NORMAL CLIMB THEREAFTER.

ROUTE DESIGNATOR	SERIAL NUMBER	PATH DESCRIPTOR	WP IDENTIFIER	FLY OVER	COURSE/ °(T)	MAGNETIC VARIATION	DISTANCE (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED (KT) IAS MAX	RECOMMENDED NAVAID	NAVIGATION SPECIFICATION
ANLOD 2H	010	CF	DAGIR	Y	202°	-	3.2	-	-	205	VJN VOR/DME	RNAV 1
	020	TF	UPKEX	-	202°	-	11.7	-	+4500	-	-	RNAV 1
	030	TF	AROKI	-	128°	-	8	L	+7000	-	-	RNAV 1
	040	TF	ANLOD	-	065°	-	42.7	L	+FL170	-	-	RNAV 1
TUSVU 1H	010	CF	DAGIR	Y	202°	-	3.2	-	-	205	VJN VOR/DME	RNAV 1
	020	TF	UPKEX	-	202°	-	11.7	-	+4500	-	-	RNAV 1
	030	TF	AROKI	-	128°	-	8	L	+7000	-	-	RNAV 1
	040	TF	TUSVU	-	084°	-	36.7	L	+11000	-	-	RNAV 1
MAKSU 2H	010	CF	DAGIR	Y	202°	-	3.2	-	-	205	VJN VOR/DME	RNAV 1
	020	TF	UPKEX	-	202°	-	11.7	-	+4500	-	-	RNAV 1
	030	TF	AROKI	-	128°	-	8	L	+7000	-	-	RNAV 1
	040	TF	MAKSU	-	102°	-	31.5	L	+11000	-	-	RNAV 1
ELADO 2H	010	CF	DAGIR	Y	202°	-	3.2	-	-	205	VJN VOR/DME	RNAV 1
	020	TF	UPKEX	-	202°	-	11.7	-	+4500	-	-	RNAV 1
	030	TF	ELADO	-	181°	-	26.8	L	-	-	-	RNAV 1

NOTE : INITIAL CLIMB AT MNM GR 5% ON RWY HDG, TURN LEFT AT UPKEX, CONTINUE AT 5% MNM PDG UNTIL 7000 FT. RESUME NORMAL CLIMB THEREAFTER.

WAYPOINT COORDINATES

WAYPOINT	COORDINATES
DAGIR	05° 52' 03.11" N 116° 01' 16.26" E
AKSAP	05° 44' 19.15" N 116° 05' 59.52" E
SATKO	05° 55' 32.41" N 116° 12' 09.95" E
ENBAX	06° 44' 02.57" N 116° 05' 32.21" E
ELBAR	06° 16' 10.47" N 116° 23' 31.88" E
VETAG	06° 35' 05.97" N 116° 30' 51.48" E
KABDU	06° 33' 22.00" N 116° 33' 12.00" E
UPKEX	05° 41' 05.22" N 115° 56' 56.24" E
AROKI	05° 36' 12.84" N 116° 03' 10.39" E
ANLOD	05° 53' 55.82" N 116° 42' 11.00" E
TUSVU	05° 40' 11.13" N 116° 39' 44.83" E
MAKSU	05° 29' 44.92" N 116° 34' 04.62" E
ELADO	05° 14' 08.92" N 115° 56' 27.48" E

CHANGES : UPDATING THE CHART FORMAT