

**STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO**

**LANGKAWI / LANGKAWI  
INTERNATIONAL AIRPORT (WMKL)  
RWY 03  
RNAV 1 (GNSS)**

TRANSITION ALTITUDE  
11000 FT

DAKOV 1D AKRAB 1D KAPKO 1D  
DALAN 1D VPL 1D

**AKRAB 1D ARRIVAL**

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	AKRAB	-	-	-	-	+10000	-	RNAV1
TF	AGTOV	-	147°	21.1	-	+3000	-	RNAV1
TF	IBIRO	-	104°	5.0	L	+2100	-	RNP APCH

**KAPKO 1D ARRIVAL**

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	KAPKO	-	-	-	-	+7000	-	RNAV1
TF	RIGSU	-	302°	18.1	-	+3000	-	RNAV1
TF	IBIRO	-	324°	5.0	R	+2100	-	RNP APCH

**DALAN 1D ARRIVAL**

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	DALAN	-	-	-	-	+10000	-	RNAV1
TF	IGDOM	-	206°	12.1	-	+4200	-	RNAV1
TF	AGTOV	-	194°	5.0	L	+3000	-	RNAV1
TF	IBIRO	-	104°	5.0	L	+2100	-	RNP APCH

**VPL 1D ARRIVAL**

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	VPL	-	-	-	-	+5000	-	RNAV1
TF	IGDOM	-	249°	11.0	-	+3000	-	RNAV1
TF	AGTOV	-	194°	5.0	R	+2100	-	RNAV1
TF	IBIRO	-	104°	5.0	R	+2100	-	RNP APCH

**DAKOV 1D ARRIVAL**

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/TRACK °M	DISTANCE NM	TURN DIRECTION	ALTITUDE CONSTRAINT	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	VPG	-	-	-	-	+10000	-	RNAV1
TF	DAKOV	-	319°	63.5	-	+3000	-	RNAV1
TF	IBIRO	-	033°	7.4	R	+2100	-	RNP APCH