

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

**KOTA BHARU /  
SULTAN ISMAIL PETRA (WMKC)  
RWY 28**

TRANSITION ALTITUDE  
11000FT

GUGIT 1B ARR  
RUPOS 1B ARR  
OPOMO 1B ARR

**TABULAR DESCRIPTION**

SERIAL NO.	PATH TERMINATOR	WAYPOINT NAME	WAYPOINT COORDINATES	FLY OVER	COURSE °M(°T)	MAGNETIC VARIATION	DIST (NM)	TURN DIR.	LEVEL CONSTRAINT (FT)	DESCENT GRADIENT %	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
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**GUGIT 1B ARR**

1	IF	GUGIT	05°32'32.50"N 102°33'45.90"E	-	-	+ 0.1°	-	-	+9000	-	-	RNAV 1
2	TF	DOVLO	05°55'53.81"N 102°24'25.33"E	-	338°(338.2°)	+ 0.1°	25.0	-	+5500	- 2.3	-	RNAV 1
3	TF	LIMVO	05°59'37.72"N 102°22'55.88"E	-	338°(338.2°)	+ 0.1°	3.8	R	+4500	- 4.1	-	RNAV 1
4	TF	IPKIN	06°03'09.61"N 102°27'53.71"E	-	055°(054.6°)	+ 0.1°	5.8	L	+3000	- 4.1	-	RNAV 1
5	TF	AGPON	06°08'06.50"N 102°28'44.10"E	-	010°(009.9°)	+ 0.1°	5.0	-	+2000	- 3.3	220	RNAV 1

**RUPOS 1B ARR**

1	IF	RUPOS	05°32'14.39"N 102°12'33.19"E	-	-	+ 0.1°	-	-	+10000	-	-	RNAV 1
2	TF	ARALI	05°54'57.30"N 102°16'21.45"E	-	009°(09.5°)	+ 0.1°	22.9	R	+5500	- 3.2	-	RNAV 1
3	TF	LIMVO	05°59'37.72"N 102°22'55.88"E	-	055°(054.6°)	+ 0.1°	8.0	-	+4500	- 2.1	-	RNAV 1
4	TF	IPKIN	06°03'09.61"N 102°27'53.71"E	-	055°(054.6°)	+ 0.1°	5.8	L	+3000	- 4.1	-	RNAV 1
5	TF	AGPON	06°08'06.50"N 102°28'44.10"E	-	010°(009.9°)	+ 0.1°	5.0	-	+2000	- 3.3	220	RNAV 1

**OPOMO 1B ARR**

1	IF	OPOMO	05°35'28.28"N 102°56'32.60"E	-	-	+ 0.1°	-	-	+11000	-	-	RNAV 1
2	TF	ARALI	05°54'57.30"N 102°16'21.45"E	-	046°(045.6°)	+ 0.1°	27.7	R	+5500	- 3.3	-	RNAV 1
3	TF	LIMVO	05°59'37.72"N 102°22'55.88"E	-	055°(054.6°)	+ 0.1°	8.0	-	+4500	- 2.1	-	RNAV 1
4	TF	IPKIN	06°03'09.61"N 102°27'53.71"E	-	055°(054.6°)	+ 0.1°	5.8	L	+3000	- 4.1	-	RNAV 1
5	TF	AGPON	06°08'06.50"N 102°28'44.10"E	-	010°(009.9°)	+ 0.1°	5.0	-	+2000	- 3.3	220	RNAV 1