

STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO

PENANG / PENANG  
INTERNATIONAL AIRPORT (WMKP)  
RNAV (GNSS) RWY 04

TRANSITION ALTITUDE 11000 FT
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OMBOK 1E LUNTU 1E BETNU 1E  
GORVU 1E MADUM 1E

TABULAR DESCRIPTION

OMBOK ONE ECHO ARRIVAL (OMBOK 1E) (FROM AIRWAY W525 SOUTHBOUND)

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK °M	TURN DIRECTION	DISTANCE (NM)	ALTITUDE	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
IF	OMBOK	-	-	-	-	+8000	-	-	RNAV1
TF	ADLUN	-	175°	-	17.1	+6000	-	-	RNAV1
TF	BEMPA	-	190°	R	15.8	+3100	-	-	RNAV1
TF	IKODI	-	112°	L	7.0	+2000	-	-	RNAV1

LUNTU ONE ECHO ARRIVAL (LUNTU 1E) (FROM AIRWAY A457 SOUTHBOUND)

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK °M	TURN DIRECTION	DISTANCE (NM)	ALTITUDE	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
IF	LUNTU	-	-	-	-	+8000	-	-	RNAV1
TF	ADLUN	-	226°	-	20.8	+6000	-	-	RNAV1
TF	BEMPA	-	190°	L	15.8	+3100	-	-	RNAV1
TF	IKODI	-	112°	L	7.0	+2000	-	-	RNAV1

GORVU ONE ECHO ARRIVAL (GORVU 1E) (FROM AIRWAY A457 / Y506 NORTHBOUND)

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK °M	TURN DIRECTION	DISTANCE (NM)	ALTITUDE	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
IF	GORVU	-	-	-	-	+7000	-	-	RNAV1
TF	AVLOM	-	307°	-	8.6	-7000	-	-	RNAV1
TF	KAMBU	-	307°	-	12.6	+3100	-	-	RNAV1
TF	IKODI	-	332°	R	7.0	+2000	-	-	RNAV1

MADUM ONE ECHO ARRIVAL (MADUM 1E) (FROM AIRWAY G468)

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK °M	TURN DIRECTION	DISTANCE (NM)	ALTITUDE	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
IF	MADUM	-	-	-	-	+7000	-	-	RNAV1
TF	ISTUS	-	045°	-	9.4	+3100	-	-	RNAV1
TF	IKODI	-	042°	L	5.0	+2000	-	-	RNAV1