

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAOTRANSITION ALTITUDE
11000 FTPENANG/PENANG
INTERNATIONAL AIRPORT (WMKP)
RNAV (GNSS) RWY 04OMBOK 1E LUNTU 1E BETNU 1E
GORVU 1E MADUM 1E

BETNU ONE ECHO ARRIVAL (BETNU 1E) (FROM AIRWAY W546)

PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY OVER	COURSE/ TRACK °M	TURN DIRECTION	DISTANCE (NM)	ALTITUDE	SPEED LIMIT (KT)	RECOMMENDED NAVAIDS	NAVIGATION SPECIFICATION
IF	BETNU	-	-	-	-	+11000	-	-	RNAV1
TF	AVGAT	-	260°	-	17.2	+8000	-	-	RNAV1
TF	BUBRA	-	263°	R	20.1	+7000	-	-	RNAV1
TF	KAMBU	-	220°	L	23.0	+3100	-	-	RNAV1
TF	IKODI	-	332°	R	7.0	+2000	-	-	RNAV1

WAYPOINT LIST

FIX / POINT	WGS-84 COORDINATES	
VPG	05°16'45.84"N	100°15'38.78"E
ADLUN	05°26'51.74"N	100°04'26.76"E
AVGAT	05°22'28.93"N	100°46'18.96"E
AVLOM	04°54'41.92"N	100°21'32.46"E
BEMPA	05°11'13.70"N	100°01'44.36"E
BETNU	05°25'38.33"N	101°03'18.60"E
BUBRA	05°20'03.24"N	100°26'20.41"E
GORVU	04°49'26.24"N	100°28'26.89"E
IKODI	05°08'34.00"N	100°08'14.00"E
ISTUS	05°04'51.58"N	100°04'52.07"E
KAMBU	05°02'20.52"N	100°11'30.02"E
LUNTU	05°41'35.88"N	100°19'19.92"E
MADUM	04°58'09.12"N	099°58'14.16"E
OMBOK	05°43'56.58"N	100°02'37.98"E

CHANGES : CHANGES COORDINATE FOR LUNTU & MADUM.