

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

TRANSITION ALTITUDE  
11000 FT

**SIBU/SIBU (WBGS)  
RNAV (GNSS) RWY 13**  
NOLUS 1E REDUK 1E LENTU 1E  
ELNAL 1E BIPIB 1E ANKUP 1E  
PILAX 1E

**TABULAR DESCRIPTIONS**

**ANKUP ONE ECHO ARRIVAL (ANKUP 1E)**

PATH TERMINATOR	WAYPOINT	FLY OVER	COURSE (°M)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	ANKUP	-	-	-	-	+7000	-	-
TF	ISGOT	-	085	10.0	-	+5000	-	RNAV 1
TF	RINRA (IAF)	-	065	17.9	L	+3000	-	RNAV 1
TF	NOKAL (IF)	-	040	5.0	L	+2500	-	RNP APCH

**PILAX ONE ECHO ARRIVAL (PILAX 1E)**

PATH TERMINATOR	WAYPOINT	FLY OVER	COURSE (°M)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE (FT)	SPEED LIMIT (KT)	NAVIGATION SPECIFICATION
IF	PILAX	-	-	-	-	+7000	-	-
TF	BEGEX	-	097	7.0	-	+5500	-	RNAV 1
TF	RINRA (IAF)	-	084	16.3	-	+3000	-	RNAV 1
TF	NOKAL (IF)	-	040	5.0	L	+2500	-	RNP APCH

**AERONAUTICAL DATA TABULATION**

WAYPOINT	COORDINATES	
ANKUP	02°11'17.92"N	111°20'23.72"E
APPAD	02°26'05.88"N	112°27'59.81"E
BIPIB	01°58'11.25"N	111°23'49.22"E
ELNAL	01°46'23.66"N	111°31'57.30"E
ISGOT	02°12'11.16"N	111°30'20.88"E
BEGEX	02°17'57.13"N	111°30'23.70"E
LELIP	02°27'25.67"N	111°53'00.27"E
LENTU	02°29'51.22"N	112°37'15.46"E
MEGOX	02°02'03.84"N	111°33'02.88"E
NOKAL	02°23'34.55"N	111°49'47.81"E
NOLUS	02°34'52.84"N	112°01'13.18"E
PILAX	02°18'50.04"N	111°23'26.16"E
REDUK	02°43'40.13"N	112°32'18.65"E
RINRA	02°19'43.42"N	111°46'35.38"E
TAMIG	02°34'59.16"N	112°22'28.92"E
TULMA	01°53'29.04"N	111°39'01.08"E
MUKAH (VMH)	02°53'34.33"N	112°02'10.00"E

CHANGES : MEGOX COORDINATES