

## 1. TABULAR DESCRIPTION

DAN 1D DEPARTURE											
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Min CG (%)	Nav Spec
010	CA	-	-	136(134.5)	+1	-	-	+150	-	5.8	RNP 1
020	CF	CA913	-	136(134.5)	+1	-	-	+900	-	5.8	RNP 1
030	TF	CA914	-	046(044.6)	+1	10.19	-	+1200	-465	3.9	RNP 1
040	TF	CA915	-	324(323.3)	+1	16.01	-	+1800	-	3.9	RNP 1
050	TF	MUMLU	-	324(323.2)	+1	27.83	-	-	-	3.9	RNP 1
060	TF	CA612	-	312(311.1)	+1	19.84	-	+FL120	-	3.9	RNP 1
070	TF	DAN	-	312(311.1)	+1	44.38	-	-	-	-	RNP 1

BANSU 1D DEPARTURE											
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Min CG (%)	Nav Spec
010	CA	-	-	136(134.5)	+1	-	-	+150	-	4.0	RNP 1
020	CF	CA911	-	136(134.5)	+1	-	-	-	-410	4.0	RNP 1
030	TF	SOTIN	-	181(179.8)	+1	22.77	-	-	-	4.0	RNP 1
040	TF	MEXAX	-	243(241.5)	+1	32.04	-	-2450	-	4.0	RNP 1
050	TF	CA912	-	206(205.2)	+1	32.13	-	+FL120	-	3.8	RNP 1
060	TF	BANSU	-	206(205.2)	+1	55.56	-	-	-	-	RNP 1

KUMUN 1N DEPARTURE											
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Min CG (%)	Nav Spec
010	CA	-	-	136(134.5)	+1	-	-	+150	-	5.0	RNP 1
020	CF	CA911	-	136(134.5)	+1	-	-	-	-410	5.0	RNP 1
030	TF	SOTIN	-	181(179.8)	+1	22.77	-	-	-	5.0	RNP 1
040	TF	KUMUN	-	168(167.2)	+1	19.32	-	@2450	-	5.0	RNP 1

## 2. WAYPOINT LIST

WAYPOINT ID	COORDINATES (WGS-84)	
BANSU	14°17'10"N	108°09'35"E
CA612	15°47'22"N	108°30'39"E
CA911	15°20'51"N	108°46'02"E
CA912	14°44'26"N	108°22'44"E
CA913	15°17'20"N	108°49'43"E
CA914	15°21'16"N	108°53'42"E
CA915	15°28'13"N	108°48'21"E
DAN	16°03'10"N	108°11'54"E
KUMUN	14°58'17"N	108°48'27"E
MEXAX	15°00'12"N	108°30'21"E
MUMLU	15°40'18"N	108°39'02"E
SOTIN	15°08'30"N	108°46'04"E