1. TABULAR DESCRIPTION

KADUM 2G DEPARTURE										
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Nav Spec
010	CA	-	-	250 (249.1)	+1	-	-	+150	-	RNAV 1
020	DF	TS638	-	-	+1	-	R	-3350	-500	RNAV 1
030	TF	TS686	-	053 (052.2)	+1	28.1	-	+3050	-	RNAV 1
040	TF	KADUM	-	053 (052.2)	+1	37.9	-	-	-	RNAV 1
DOVIN TRANSITION										
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Nav Spec
010	IF	KADUM	-	-	+1	-	-	-	-	RNAV 1
020	TF	DOVIN	-	062 (061.5)	+1	130.0	-	-	-	RNAV 1
BIXEX TRANSITION										
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Nav Spec
010	IF	KADUM	-	-	+1	-	-	-	-	RNAV 1
020	TF	BIXEX	-	078 (076.9)	+1	120.9	-	-	-	RNAV 1
PTH TRANSITION										
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Nav Spec
010	IF	KADUM	-	-	+1	-	-	-	-	RNAV 1
020	TF	PTH	-	114 (113.1)	+1	120.4	-	-	-	RNAV 1
PATMA TRANSITION										
Serial number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation	Distance (km)	Turn Direction	Altitude (m)	Speed limit (km/h)	Nav Spec
010	IF	KADUM	-	-	+1	-	-	-	-	RNAV 1
020	TF	PATMA	-	038 (037.0)	+1	135.7	-	-	-	RNAV 1

2. WAYPOINT LIST

WAYPOINT ID	COORDINATES (WGS-84)	
BIXEX	11°36'13.277"N	108°08'19.311"E
DOVIN	11°55'01.000"N	108°06'29.000"E
KADUM	11°21'26.000"N	107°03'34.000"E
PATMA	12°20'11.000"N	107°48'36.000"E
PTH	10°55'41.000"N	108°04'19.000"E
TS638	10°59'30.540"N	106°34'56.544"E
TS686	11°08'50.561"N	106°47'06.738"E