

SADIN 1G 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	CF	DN450	–	360(359.0)	+1	–	–	–	–	5.1	RNAV 1
020	TF	DN451	–	090(089.2)	+1	20.65	–	–	-465	5.1	RNAV 1
030	TF	DN452	–	180(179.3)	+1	9.25	–	-2450 +2150	–	5.1	RNAV 1
040	TF	DN453	–	180(179.3)	+1	20.35	–	+FL100	–	4.4	RNAV 1
050	TF	KEMSY	–	180(179.3)	+1	40.52	–	–	–	–	RNAV 1
060	TF	SADIN	–	206(204.6)	+1	56.39	–	–	–	–	RNAV 1

XAQUA 1G 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	CF	DN450	–	360(359.0)	+1	–	–	–	–	5.1	RNAV 1
020	TF	DN451	–	090(089.2)	+1	20.65	–	–	-465	5.1	RNAV 1
030	TF	DN452	–	180(179.3)	+1	9.25	–	-2450 +2150	–	5.1	RNAV 1
040	TF	DN453	–	180(179.3)	+1	20.35	–	+FL100	–	4.4	RNAV 1
050	TF	KEMSY	–	180(179.3)	+1	40.52	–	–	–	–	RNAV 1
060	TF	SADIN	–	206(204.6)	+1	56.39	–	–	–	–	RNAV 1
070	TF	XAQUA	–	206(204.6)	+1	19.54	–	–	–	–	RNAV 1

PAPRA 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)	Min CG (%)	Nav Spec
010	CF	DN450	–	360(359.0)	+1	–	–	–	–	5.1	RNAV 1
020	TF	DN451	–	090(089.2)	+1	20.65	–	–	-465	5.1	RNAV 1
030	TF	DN452	–	180(179.3)	+1	9.25	–	-2450 +2150	–	5.1	RNAV 1
040	TF	DN453	–	180(179.3)	+1	20.35	–	+FL100	–	4.4	RNAV 1
050	TF	DN454	–	271(269.6)	+1	35.28	–	+FL180	–	7.2	RNAV 1
060	TF	DN455	–	271(269.5)	+1	14.01	–	–	–	–	RNAV 1
070	TF	TANNA	–	270(269.5)	+1	29.15	–	–	–	–	RNAV 1
080	TF	PAPRA	–	255(253.5)	+1	53.14	–	–	–	–	RNAV 1

2. WAYPOINT LIST

WAYPOINT ID	COORDINATES (WGS-84)
BINKU	16°33'35"N 108°58'23"E
BUNTA	16°50'00"N 109°23'42"E
DN450	16°10'28"N 108°11'41"E
DN451	16°10'37"N 108°23'16"E
DN452	16°05'36"N 108°23'20"E
DN453	15°54'34"N 108°23'29"E
DN454	15°54'25"N 108°03'43"E
DN455	15°54'21"N 107°55'52"E