

VICAL 3J ARRIVAL

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	VICAL	-	-	+1	-	-	-	-	RNAV 1
020	TF	TS484	-	336 (335.4)	+1	86.8	-	+4550	-	RNAV 1
030	TF	TS482	-	017 (016.0)	+1	23.2	-	+3650	-	RNAV 1
040	TF	BUTGA	-	049 (047.6)	+1	37.5	-	+2150	-460	RNAV 1
050	TF	NUNGO	-	095 (094.0)	+1	12.2	-	@2150	-	RNAV 1
060	TF	TS468	-	095 (094.0)	+1	12.9	-	-	-	RNAV 1
070	TF	TS466	-	109 (108.0)	+1	12.0	-	-	-	RNAV 1
080	TF	TS464	-	126 (125.0)	+1	12.0	-	-	-	RNAV 1
090	TF	TS462	-	142 (140.5)	+1	9.9	-	@2150	-	RNAV 1
100	TF	BOMSU	-	239 (237.5)	+1	40.7	-	-1500 +790	-425	RNAV 1

NIXIV 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	NIXIV	-	-	+1	-	-	-	-	RNAV 1
020	TF	VICAL	-	010 (008.7)	+1	84.3	-	-	-	RNAV 1

2. HOLDING PROCEDURES

Holding Fix	Inbound Course °M(°T)	Magnetic Variation	Time (s)	Turn Direction	Altitude (m)	Speed limit (km/h)	Nav Spec
BITIS	029 (028.0)	+1	90	L	-FL200 +2450	-425	RNAV 1
BUTGA	095 (094.0)	+1	60	L	-2450 +2150	-405	RNAV 1

3. WAYPOINT LIST

Waypoint Identifier	Coordinates (WGS-84)	
BITIS	10°15'59.000"N	106°14'54.000"E
BOMSU	10°54'37.875"N	106°53'59.311"E
BUTGA	11°17'22.286"N	106°43'57.707"E
NIXIV	09°23'36.000"N	106°38'02.000"E
NUNGO	11°16'54.934"N	106°50'37.384"E
SAPEN	11°01'12.000"N	106°11'00.000"E
TRN	10°05'00.000"N	105°42'20.000"E
TS462	11°06'30.557"N	107°12'51.158"E
TS464	11°10'39.996"N	107°09'23.040"E
TS466	11°14'24.833"N	107°03'57.804"E
TS468	11°16'25.843"N	106°57'40.095"E
TS482	11°03'39.113"N	106°28'44.287"E
TS484	10°51'35.005"N	106°25'13.649"E
VICAL	10°08'46.853"N	106°45'01.988"E