

GENERAL REMARKS

- 1) Minimum climb gradient 322 ft/NM (5.5%) until passing FL 80.
- 2) Turn after take-off shall be executed according to the following parameters:
 - IAS MAX 210 kt
 - Minimum bank angle 20° or rate of turn 2°/sec
- 3) "Close-in" obstacles penetrating obstacle identification surface (OIS) 2.5%
- 4) For "monitoring and alerting" reasons, RNP1 specification is required in case of radar service unavailability or degradation

**SID RNAV1 or RNP1 RWY 13 DESCRIPTION****GOKEL 7C**

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
010	CA	-	-	133 (137.1)	-	-	-	+420	-	RNAV1/RNP1 (4)
020	DF	KAPPO	Y	-	4° E	-	-	+1000	-210	RNAV1/RNP1 (4)
030	TF	XAPAT	-	087 (090.6)	-	13.2	-	-	-250	RNAV1/RNP1 (4)
040	TF	BR604	-	087 (090.8)	-	7.5	-	+FL80	-	RNAV1/RNP1 (4)
050	TF	GOKEL	-	087 (090.9)	-	25.0	-	-	-	RNAV1/RNP1 (4)

TIGRA 7C

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
010	CA	-	-	133 (137.1)	-	-	-	+420	-	RNAV1/RNP1 (4)
020	DF	KAPPO	Y	-	4° E	-	-	+1000	-210	RNAV1/RNP1 (4)
030	TF	XAPAT	-	087 (090.6)	-	13.2	-	-	-250	RNAV1/RNP1 (4)
040	TF	BR602	-	131 (135.3)	-	7.0	-	+FL80	-	RNAV1/RNP1 (4)
050	TF	BR603	-	131 (135.3)	-	14.1	-	+FL110	-	RNAV1/RNP1 (4)
060	TF	TIGRA	-	131 (135.4)	-	25.3	-	-	-	RNAV1/RNP1 (4)

Waypoints Table formatted according ARINC 424 standards

Waypoint	Latitude	Longitude
BR602	N40313018	E018235462
BR603	N40212950	E018365094
BR604	N40362260	E018271634

GENERAL REMARKS

- 1) Minimum climb gradient 365 ft/NM (6%) until reaching the minimum en-route level of the following segment.
- 2) Turn after take-off shall be executed with IAS MAX 230 kt
- 3) "Close-in" obstacles penetrating obstacle identification surface (OIS) 2.5%
- 4) For "monitoring and alerting" reasons, RNP1 specification is required in case of radar service unavailability or degradation

**SID RNAV1 or RNP1 RWY 31 DESCRIPTION****XAPAT 7C**

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
010	CA	-	-	313 (317.1)	-	-	-	+424	-	RNAV1/RNP1 (4)
020	CF	BR601	Y	313 (317.1)	4° E	-	-	+1000	-230	RNAV1/RNP1 (4)
030	CF	XAPAT	-	123 (126.55)	4° E	-	R	*	-	RNAV1/RNP1 (4)

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MCL depending on minimum en-route level of the following segment

Waypoints Table formatted according ARINC 424 standards

Waypoint	Latitude	Longitude
BR601	N40423313	E017530501