



CODING TABLE

SID SURNA 1A RWY 06					GOIANÁ / Presidente Itamar Franco (SBZM)							SBZM_SID_00B		12 AUG 21	
Seq Num	Transition Identifier	Fly Over	Rec Navaid	Fix Ident	Path and Terminator	Course Angle	Turn	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	Speed Limit Description	TM DST (NM)	VA (°)	Role of the Fix	Navigation Specification
10	RWY	N	N/A	ZM031	CF	76.36° Mag / 99.85° True	N/A	N/A	N/A	210	-	4.99	3.89	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	ZM034	TF	347.21° Mag / 324.06° True	L	N/A	N/A	210	-	5.01	N/A	OTHER	RNAV 1 or RNP 1
30	RWY	N	N/A	ZM033	TF	256.37° Mag / 233.22° True	L	N/A	N/A	210	-	11.37	N/A	OTHER	RNAV 1 or RNP 1
10	SURNA	N	N/A	TOSAT	TF	218.15° Mag / 195.07° True	N/A	N/A	N/A	210	-	16.41	N/A	OTHER	RNAV 1 or RNP 1
20	SURNA	N	N/A	SURNA	TF	211.89° Mag / 188.85° True	N/A	N/A	N/A	N/A	N/A	36.51	N/A	OTHER	RNAV 1 or RNP 1

SID SURNA 1B RWY 26					GOIANÁ / Presidente Itamar Franco (SBZM)							SBZM_SID_00B		12 AUG 21	
Seq Num	Transition Identifier	Fly Over	Rec Navaid	Fix Ident	Path and Terminator	Course Angle	Turn	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	Speed Limit Description	TM DST (NM)	VA (°)	Role of the Fix	Navigation Specification
10	RWY	N	N/A	ZM032	CF	256.36° Mag / 241.79° True	N/A	N/A	N/A	210	-	5.00	3.78	OTHER	RNAV 1 or RNP 1
10	SURNA	N	N/A	TOSAT	TF	234.50° Mag / 211.41° True	N/A	N/A	N/A	210	-	13.83	N/A	OTHER	RNAV 1 or RNP 1
20	SURNA	N	N/A	SURNA	TF	211.89° Mag / 188.85° True	N/A	N/A	N/A	N/A	N/A	36.51	N/A	OTHER	RNAV 1 or RNP 1

SID VUROS 1A RWY 06					GOIANÁ / Presidente Itamar Franco (SBZM)							SBZM_SID_00B		12 AUG 21	
Seq Num	Transition Identifier	Fly Over	Rec Navaid	Fix Ident	Path and Terminator	Course Angle	Turn	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	Speed Limit Description	TM DST (NM)	VA (°)	Role of the Fix	Navigation Specification
10	RWY	N	N/A	ZM031	CF	76.36° Mag / 99.85° True	N/A	N/A	N/A	210	-	4.99	3.89	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	ZM034	TF	347.21° Mag / 324.06° True	L	N/A	N/A	210	-	5.01	N/A	OTHER	RNAV 1 or RNP 1
30	RWY	N	N/A	VUROS	TF	307.11° Mag / 283.96° True	N/A	N/A	N/A	210	-	13.83	N/A	OTHER	RNAV 1 or RNP 1
10	XONOK	N	N/A	VUROS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	XONOK	N	N/A	XONOK	TF	303.47° Mag / 280.40° True	N/A	N/A	N/A	N/A	N/A	21.65	N/A	OTHER	RNAV 1 or RNP 1
10	TOGON	N	N/A	VUROS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	TOGON	N	N/A	TOGON	TF	3.43° Mag / 340.35° True	N/A	N/A	N/A	N/A	N/A	54.09	N/A	OTHER	RNAV 1 or RNP 1

SID VUROS 1B RWY 26					GOIANÁ / Presidente Itamar Franco (SBZM)							SBZM_SID_00B		12 AUG 21	
Seq Num	Transition Identifier	Fly Over	Rec Navaid	Fix Ident	Path and Terminator	Course Angle	Turn	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	Speed Limit Description	TM DST (NM)	VA (°)	Role of the Fix	Navigation Specification
10	RWY	N	N/A	ZM032	CF	256.36° Mag / 241.79° True	N/A	N/A	N/A	210	-	5.00	3.78	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	ZM033	TF	347.02° Mag / 323.93° True	R	N/A	N/A	210	-	5.00	N/A	OTHER	RNAV 1 or RNP 1
30	RWY	N	N/A	VUROS	TF	0.11° Mag / 337.03° True	N/A	N/A	N/A	210	-	11.03	N/A	OTHER	RNAV 1 or RNP 1
10	TOGON	N	N/A	VUROS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	TOGON	N	N/A	TOGON	TF	3.43° Mag / 340.35° True	N/A	N/A	N/A	N/A	N/A	54.09	N/A	OTHER	RNAV 1 or RNP 1
10	XONOK	N	N/A	VUROS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	XONOK	N	N/A	XONOK	TF	303.47° Mag / 280.40° True	N/A	N/A	N/A	N/A	N/A	21.65	N/A	OTHER	RNAV 1 or RNP 1

Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
ZM031	S 21:27:24.00W 43:05:31.20
ZM034	S 21:23:19.80W 43:08:40.20
ZM033	S 21:30:09.60W 43:18:26.40
TOSAT	S 21:46:03.85W 43:23:01.43
SURNA	S 22:22:16.07W 43:29:05.17
ZM032	S 21:34:13.20W 43:15:16.80
VUROS	S 21:19:58.20W 43:23:03.00
XONOK	S 21:16:01.39W 43:45:50.80
TOGON	S 20:28:49.20W 43:42:25.20

DER	Latitude / Longitude (WGS84) DD:MM:SS.SS	Elevation (FT)
08	S 21:31:12.76 W 43:10:58.89	1330 ft MSL
26	S 21:30:23.61 W 43:09:48.61	1329 ft MSL

COD	Meaning
+	AT OR ABOVE
-	AT OR BELOW
@	AT
R	RECOMMENDED
B	BETWEEN
=	AS ASSIGNED
SDF	STEPDOWN FIX
Y	YES
N	NO
L	LEFT
R	RIGHT
N/A	NOT APPLICABLE
LTP	LANDING THRESHOLD POINT
FTP	FICTITIOUS THRESHOLD POINT