



CODING TABLE

SID RNAV OPTUK 1A RWY 13					BELO HORIZONTE / Pampulha – Carlos Drummond de Andrade (SBBH)							SBBH_SID_01J		26 NOV 26	
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	BH088	CF	135.16° Mag 112.08° True	N/A	B7000	B4800	N/A	N/A	6.08	3.72	OTHER	RNAV 1 or RNP 1
20	RWY	N	N/A	OPTUK	TF	223.94° Mag 200.84° True	N/A	N/A	@8000	N/A	N/A	11.33	N/A	OTHER	RNAV 1 or RNP 1
10	MAVGU	N/A	N/A	OPTUK	IF	N/A	N/A	N/A	@8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	MAVGU	N	N/A	BH106	TF	200.38° Mag 177.30° True	N/A	N/A	+9000	N/A	N/A	3.60	N/A	OTHER	RNAV 1 or RNP 1
30	MAVGU	N	N/A	UGVUS	TF	200.36° Mag 177.28° True	N/A	B15000	B14000	N/A	N/A	14.25	N/A	OTHER	RNAV 1 or RNP 1
40	MAVGU	N	N/A	GAZAR	TF	194.77° Mag 171.70° True	N/A	N/A	+15000	N/A	N/A	11.55	N/A	OTHER	RNAV 1 or RNP 1
50	MAVGU	N	N/A	ESLUM	TF	219.63° Mag 196.56° True	N/A	-28000	N/A	N/A	N/A	23.11	N/A	OTHER	RNAV 1 or RNP 1
60	MAVGU	N	N/A	MAVGU	TF	219.48° Mag 196.47° True	N/A	N/A	N/A	N/A	N/A	32.77	N/A	OTHER	RNAV 1 or RNP 1
10	MIMIP	N/A	N/A	OPTUK	IF	N/A	N/A	N/A	@8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	MIMIP	N	N/A	BH107	TF	297.72° Mag 274.64° True	N/A	B12000	B11000	N/A	N/A	10.18	N/A	OTHER	RNAV 1 or RNP 1
30	MIMIP	N	N/A	BH092	TF	297.75° Mag 274.71° True	N/A	-13000	N/A	N/A	N/A	13.50	N/A	OTHER	RNAV 1 or RNP 1
40	MIMIP	N	N/A	BH169	TF	297.74° Mag 274.76° True	N/A	-14000	N/A	N/A	N/A	10.07	N/A	OTHER	RNAV 1 or RNP 1
50	MIMIP	N	N/A	BH172	TF	346.94° Mag 324.00° True	N/A	-15000	N/A	N/A	N/A	14.17	N/A	OTHER	RNAV 1 or RNP 1
60	MIMIP	N	N/A	MIMIP	TF	347.11° Mag 324.19° True	N/A	N/A	N/A	N/A	N/A	22.12	N/A	OTHER	RNAV 1 or RNP 1
10	DEUCA	N/A	N/A	OPTUK	IF	N/A	N/A	N/A	@8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	DEUCA	N	N/A	BH107	TF	297.72° Mag 274.64° True	N/A	B12000	B11000	N/A	N/A	10.18	N/A	OTHER	RNAV 1 or RNP 1
30	DEUCA	N	N/A	BH092	TF	297.75° Mag 274.71° True	N/A	-13000	N/A	N/A	N/A	13.50	N/A	OTHER	RNAV 1 or RNP 1

40	DEUCA	N	N/A	BH168	TF	257.17° Mag 234.18° True	N/A	-14000	N/A	N/A	N/A	7.62	N/A	OTHER	RNAV 1 or RNP 1
50	DEUCA	N	N/A	LOGUP	TF	257.15° Mag 234.20° True	N/A	-16000	N/A	N/A	N/A	8.16	N/A	OTHER	RNAV 1 or RNP 1
60	DEUCA	N	N/A	DEUCA	TF	237.19° Mag 214.26° True	N/A	N/A	N/A	N/A	N/A	21.55	N/A	OTHER	RNAV 1 or RNP 1
10	GAZAR	N/A	N/A	OPTUK	IF	N/A	N/A	N/A	@8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	GAZAR	N	N/A	BH106	TF	200.38° Mag 177.30° True	N/A	N/A	+9000	N/A	N/A	3.60	N/A	OTHER	RNAV 1 or RNP 1
30	GAZAR	N	N/A	UGVUS	TF	200.36° Mag 177.28° True	N/A	B15000	B14000	N/A	N/A	14.25	N/A	OTHER	RNAV 1 or RNP 1
40	GAZAR	N	N/A	GAZAR	TF	194.77° Mag 171.70° True	N/A	N/A	+15000	N/A	N/A	11.55	N/A	OTHER	RNAV 1 or RNP 1
10	OLEAR	N/A	N/A	OPTUK	IF	N/A	N/A	N/A	@8000	N/A	N/A	N/A	N/A	OTHER	RNAV 1 or RNP 1
20	OLEAR	N	N/A	BH107	TF	297.72° Mag 274.64° True	N/A	B12000	B11000	N/A	N/A	10.18	N/A	OTHER	RNAV 1 or RNP 1
30	OLEAR	N	N/A	BH092	TF	297.75° Mag 274.71° True	N/A	-13000	N/A	N/A	N/A	13.50	N/A	OTHER	RNAV 1 or RNP 1
40	OLEAR	N	N/A	BH169	TF	297.74° Mag 274.76° True	N/A	-14000	N/A	N/A	N/A	10.07	N/A	OTHER	RNAV 1 or RNP 1
50	OLEAR	N	N/A	BH171	TF	297.80° Mag 274.86° True	N/A	-16000	N/A	N/A	N/A	6.45	N/A	OTHER	RNAV 1 or RNP 1
60	OLEAR	N	N/A	KOXIR	TF	297.85° Mag 274.94° True	N/A	N/A	N/A	N/A	N/A	11.84	N/A	OTHER	RNAV 1 or RNP 1
70	OLEAR	N	N/A	OLEAR	TF	268.29° Mag 245.42° True	N/A	N/A	N/A	N/A	N/A	45.19	N/A	OTHER	RNAV 1 or RNP 1

Ident	Latitude / Longitude (WGS84) DD:MM:SS.SS
OPTUK	S 20:04:12.06W 43:54:39.84
BH106	S 20:07:48.63W 43:54:29.04
UGVUS	S 20:22:06.13W 43:53:45.81
GAZAR	S 20:33:34.25W 43:51:59.20
ESLUM	S 20:55:47.93W 43:59:01.46
MAVGU	S 21:27:20.04W 44:08:59.08
BH107	S 20:03:22.12W 44:05:26.26
BH092	S 20:02:14.78W 44:19:43.64
BH169	S 20:01:24.19W 44:30:22.85
BH172	S 19:49:53.63W 44:39:12.94
MIMIP	S 19:31:52.92W 44:52:55.00
BH088	S 19:53:34.29W 43:50:22.86
BH171	S 20:00:51.17W 44:37:12.09
KOXIR	S 19:59:49.37W 44:49:43.80
OLEAR	S 20:18:36.18W 45:33:27.36
BH168	S 20:06:43.29W 44:26:17.66
LOGUP	S 20:11:30.50W 44:33:19.61
DEUCA	S 20:29:22.74W 44:46:15.12

DER	Latitude / Longitude (WGS84) DD:MM:SS.SS	Elevation (FT)
13	S 19:51:16.66 W 43:56:21.82	2587.27

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